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BOSTON UNIVERSITY BULLETIN

VOLUME V

JULY, 1916

No. 4

BOSTON UNIVERSITY  
SCHOOL OF MEDICINE

ORGANIZED IN 1873

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FORTY-FOURTH ANNUAL ANNOUNCEMENT  
AND CATALOGUE

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JULY, 1916

FOR NEW ENTRANCE REQUIREMENTS VIDE PAGE 12  
FOR ANNOUNCEMENT OF OPTIONAL FIVE-YEARS COURSE  
AND THE SIX-YEARS COMBINATION COURSE  
VIDE PAGES 17 AND 19

BOSTON, MASSACHUSETTS  
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688 BOYLSTON STREET

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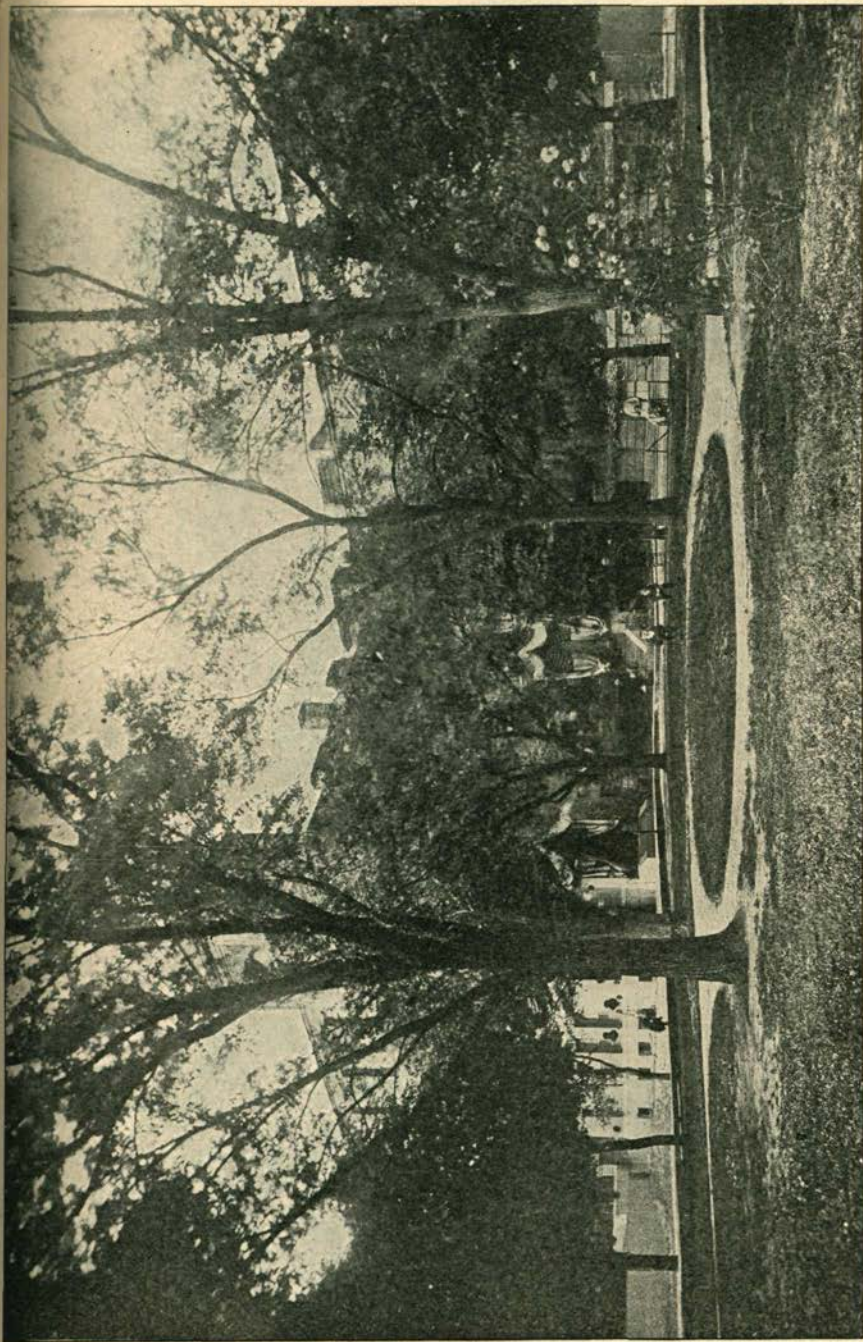
# BOSTON UNIVERSITY

This institution is located in the most advantageous educational centre in America. It was the first University in this country to present in Theology, Law, and Medicine, uniform graded courses of instruction covering three scholastic years, and to require in each case, in order to graduate, the full three years of study. It was the first to establish the four years course in medicine, and to restore the Baccalaureate Degree in Medicine and Surgery. Its advanced position in medical education will appear from the present circular. Its schools of Theology and Law are among the largest and most important in America. In classical education it has established the highest standard of requirements for degrees, and given unusual encouragement to post-graduate study. *It confers no honorary degrees.* It includes the following Schools and Colleges, and is open for men and women on equal terms and conditions:—

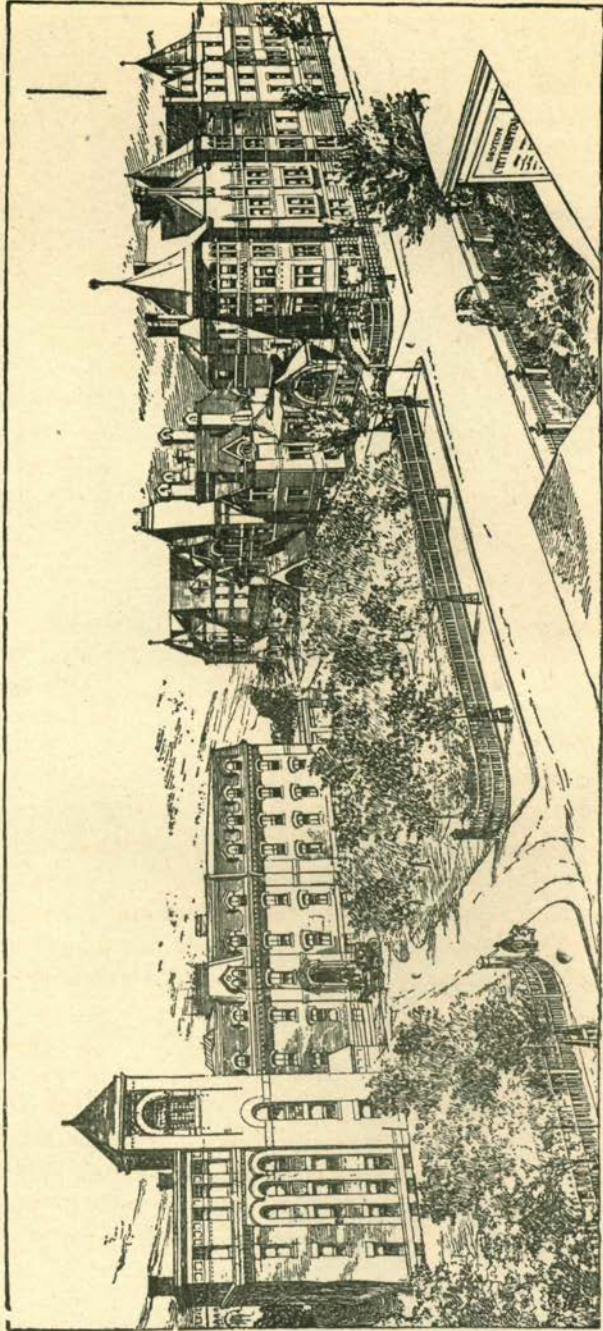
<b>The College of Liberal Arts</b> . . . . .	<b>688 Boylston Street</b>
<b>The College of Business Administration</b> . . . . .	<b>688 Boylston Street</b>
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<b>The Graduate School</b> . . . . .	<b>688 Boylston Street</b>
<b>The Summer School</b> . . . . .	<b>688 Boylston Street</b>

It has in attendance graduates of over one hundred other colleges and universities who are studying for higher degrees. Among its students are representatives of fourteen foreign countries, and also of thirty-two American states and territories. It has 170 instructors, with other officers of direction and government. It has shared in the education of many thousands of persons, many of whom are now governors, senators, representatives, judges, bishops, pastors, physicians, editors, college professors, and presidents of universities. It annually affords the equivalent of free instruction to more than three hundred students.

For free circulars and for information respecting the Free Scholarships, address in each case, the Dean of the School or College.



BOSTON UNIVERSITY SCHOOL OF MEDICINE—SHOWING CAMPUS



BOSTON UNIVERSITY SCHOOL OF MEDICINE

MASSACHUSETTS HOMEOPATHIC HOSPITAL



Of the medals shown above, those from the Louisiana Purchase Exposition of 1904 and the Lewis and Clark Centennial Exposition of 1905 were gold medals awarded to Boston University School of Medicine for exhibits from the Physiological and Pathological Departments of the school. The third medal was the second prize awarded at the International Tuberculosis Congress in Washington, D. C., in 1908, for a collection of pathological specimens illustrating the various lesions of tuberculosis. These awards, won in open competition of international character, offer striking testimony to the excellence of the work of this institution.

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BOSTON UNIVERSITY SCHOOL OF MEDICINE

ORGANIZED 1873

LEMUEL H. MURLIN, LL.D., *President*

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## AIMS OF THE SCHOOL

**BOSTON UNIVERSITY SCHOOL OF MEDICINE** aims to give its students

A broad and sound training in the fundamental sciences of medicine.

A thorough training in the Principles of Homœopathy.  
Practical training in Materia Medica.

Special training in Homœopathic Materia Medica.

Special training in Homœopathic Therapeutics.

It aims

To impart a working knowledge of modern surgery, obstetrics and the specialties.

To make useful, practical, liberal and successful physicians; true healers of the sick.

To uphold high standards of medical education.

To inculcate lofty ideals of ethics and morals.

### Historical

Boston University School of Medicine was founded in 1873.

From its inception its doors have been open to students of both sexes on uniform terms and conditions.

It was the first medical school in this country to demand entrance examinations of all applicants for admission who were not college graduates.

It was also the first to offer a graded course of three years (1873).

It was one of the first to make the three years course compulsory (1877).

It was the first medical school in this country to offer a four years course (1878).

It was the first to make the four years course compulsory (1890).

In 1878 it offered courses leading to the degrees of Bach-

elor of Medicine and Bachelor of Surgery, and in the same year it lengthened its annual sessions to eight months each.

It was the first medical school in this country to institute an optional five years graded course (1907).

In 1908 it offered in conjunction with the College of Liberal Arts of Boston University a six years combination course whereby the two degrees, S.B., and M.D., may be acquired.

In 1912 its graduates became eligible, under specified conditions, to the degree Ph.D. from the Graduate School of Boston University.

It is the only medical school which possesses three medals, won (in 1904, 1905, and 1908) on the merits of its exhibits in open competition at national and international expositions and congresses.

Within its brief history its buildings have been more than doubled in size, its course more than doubled in length, its Faculty and the subjects included in its curriculum more than doubled in number, and its clinical facilities have been increased more than fourfold.

Boston University School of Medicine from its inception has been closely affiliated with the Homœopathic Medical Dispensary, and with the Massachusetts Homœopathic Hospital which moved into its new building adjoining the School in 1874; was greatly enlarged in 1884 and again in 1891. In 1897 it opened a Maternity Department which has furnished exceptional opportunities for obstetrical experience to the students of the School. In 1908 a Children's Department was added to the Hospital facilities, and in 1908 these facilities were further increased by the opening of the John C. Haynes Memorial Hospital for Contagious Diseases, with accommodations for one hundred and twenty or more patients. In 1912 another addition was made by the dedication of the newly erected Robert Dawson Evans Department of Clinical Research and Preventive Medicine. These combined facilities give the Massachusetts Homœopathic Hospital a capacity of about four hundred beds and

make it one of the largest general hospitals under homœopathic management in the world.

To the clinical opportunities of the School there was added in 1886 the Westborough Insane Hospital, where in the course of twenty-five years nearly ten thousand patients were treated. In 1915 the Westborough Insane Hospital had accommodations for about thirteen hundred patients thereby offering special clinics of exceptional value and size.

### Admission

Candidates possessing either:

- (a) A diploma for the first degree in Arts, Philosophy or Science.
- (b) Certificates of successful completion of two years' collegiate work at any recognized institution of higher learning.

will be admitted without condition on the presentation of their credentials, PROVIDED the certification includes work of collegiate rank in Biology, Chemistry, Physics and Modern Language, as specified herewith.

**I. General Biology.** An introductory course giving a general survey of the plant and animal kingdoms, with some consideration of theoretical biology. Four periods a week throughout the year, divided between didactic and laboratory instruction.

**II. General Chemistry.** An introductory study of the important elements and their compounds, together with the elements of theoretical chemistry. Four periods a week, divided between lecture and laboratory exercises. A brief course in Qualitative Analysis may be included with advantage to the student.

**III. General Physics.** An elementary study of all the major fields of Physical Science. Four periods a week of laboratory and didactic instruction throughout the year.

**IV. English Composition.** A general course in English to include two periods a week.

**V. French or German.** Elementary or advanced courses in grammar and reading, the character of the work depending upon the preparation of the student. Three exercises a week throughout the year.

The attention of candidates is called to the advantage of taking the two pre-medical years as regular students in the College of Liberal Arts of Boston University, since by so

doing they may obtain the two degrees of Bachelor of Science and Doctor of Medicine in the Combination Course of six years (see page 352). The requirements for admission to the College of Liberal Arts for this course may be met by certificates from the student's preparatory school or by examinations in certain required and optional subjects as follows:

#### Required Subjects

<i>Subjects</i>	<i>Units</i>	<i>Subjects</i>	<i>Units</i>
Algebra, Elementary	1½	French, Intermediate; or	3
Algebra, Advanced; or	½	German, Intermediate	3
Geometry, Solid; or	½	Geometry, Plane	1
Trigonometry, Plane	½	History	1½
Chemistry	1	Physics	1
English	3		

In addition to these twelve and one-half prescribed units, and without duplication, the candidate must offer two and one-half units from the following list of optional subjects:

#### Optional Subjects

<i>Subjects</i>	<i>Units</i>	<i>Subjects</i>	<i>Units</i>
Algebra, Advanced	½	Greek	3*
Biology	1	History	3*
Botany	1	Latin	4*
Chemistry	1	Latin, First-year (for S. B. Candidates only)	1
Drawing	½ or 1	Music	2*
French, Elementary	2	Physics	1
French, Intermediate	1	Spanish, Elementary	2
Geography	½ or 1	Spanish, Intermediate	1
Geometry, Solid	½	Trigonometry, Plane	½
German, Elementary	2	Zoölogy	1
German, Intermediate	1		

A candidate entering by certificate from an approved school may offer one unit in a subject not included in this list, provided that the subject is included in the certificate and is acceptable to the Committee on Admission.

Examinations are given at the College of Liberal Arts, 688 Boylston Street, in June and September. A fee of five

\* In a starred subject the candidate may offer one or more of the units noted.

dollars will be charged each candidate registering for one or more of the regular examinations for admission.

Applicants for **ADVANCED STANDING** in the School of Medicine who have taken courses in other medical schools must satisfy the Faculty that their qualifications are equivalent in every respect to those of the students of this School at the same grade.

Applicants with college diplomas or certificates should present their credentials at the office of the Medical School, 80 East Concord Street, on or before Monday, October 2, 1916.

### Calendar

The Opening Exercises of the session of 1916-1917, at which all the students are expected to be present, will be held promptly at 10 o'clock on Thursday, October 5. Students should matriculate before that time. Lectures begin at 11 o'clock of the same day. Opportunity for matriculation will be offered on Monday, Tuesday and Wednesday, October 2, 3 and 4. No matriculation fee required.

The year is divided into three terms, as follows:

**THE FIRST TERM** begins Thursday, October 5, 1916, and continues to and includes Thursday, December 21. A vacation of eleven days follows the term.

**THE SECOND TERM** begins Tuesday, January 2, 1917, and continues to Saturday, March 17, 1917, inclusive. A vacation of one week follows.

**THE THIRD TERM** begins Monday, March 26, 1917, and continues to Commencement Day, Wednesday, June 6, 1917.

Holidays—Thanksgiving, three days; Washington's Birthday; Patriot's Day; Decoration Day.

### Methods of Instruction

The methods of instruction are those which have proved themselves most successful in past experience. Didactic lectures have been largely supplanted by laboratory and

clinical work. During the first two years the work of the student is largely in laboratories where, in addition to laying a broad foundation for future studies, particular attention is paid to training in technique, to developing the power accurately to observe and the ability correctly to record observations and the result of experiments, and to stimulating the desire to make original investigations. During the third and fourth years, in addition to lectures, recitations and laboratory work, the instruction includes individual and class work in the extensive hospital and dispensary clinics at the disposal of the Faculty.

During the Senior Year forenoons will be devoted exclusively to clinical instruction. In these clinics students not only have the opportunity to see a great variety of diseases, but each student receives instruction in the best methods of examining patients. This instruction includes practical training in physical diagnosis by palpation, percussion, the use of the ophthalmoscope, laryngoscope stethoscope, phonendoscope and all the modern diagnostic aids. Beside the attendance at the regular clinics in the various departments of the Massachusetts Homœopathic Hospital, each senior student spends a period of five weeks at the Westborough State Hospital for the Insane where, in addition to the superb facilities for the study of mental diseases afforded by this institution, ample opportunity is also given for the study of the medical and surgical cases which naturally arise in a community of this size. Further, the students spend two weeks in residence at the Department for Contagious Diseases of the Massachusetts Homœopathic Hospital in which institution they have ample opportunity to familiarize themselves with this most important field of medicine. Experience has shown that this method of instruction confers the benefits which were hoped from it at the time of its inception.

The "conference system" and the "case method" have passed successfully through the experimental stage and have demonstrated their marked usefulness as methods of instruction.

### Curriculum

A thorough and comprehensive curriculum—one sufficient to impart to the student a complete scientific as well as practical medical education—has been arranged. To each term and each year certain studies are assigned, in which the student is required to become proficient before entering upon more advanced studies.

#### Four-Years Course

##### FIRST YEAR

Anatomy (elementary).  
 Anatomy (advanced).  
 Dissections (three parts).  
 Physiology (elementary).  
 Chemistry, Organic, and Physiological.  
 Microscopy and Histological Technique.  
 Histology and Embryology.  
 Minor Surgery.  
 Pharmaceutics.  
 Homœopathy (Principles of).

Clinical Medicine.  
 Surgery: General, Operative, Regional and Genito-Urinary.  
 Medical Diagnosis.  
 Clinical and Operative Obstetrics.  
 Gynæcology (clinical).  
 Diseases of the Chest.  
 Diseases of the Eye.  
 Diseases of the Rectum.  
 Diseases of Children.  
 Applied Anatomy.  
 The "Organon" and "Chronic Diseases."  
 Clinics.  
 Dispensary practice (Spring term).

##### SECOND YEAR

Physiology (advanced, didactic).  
 Physiology (laboratory, experimental).  
 Physiological Chemistry.  
 Toxicology.  
 Elements of Medicine.  
 Pharmacology.  
 Elementary Materia Medica.  
 Diseases of the Skin.  
 Obstetrics.  
 General Pathology.  
 Surgical Pathology.  
 Pathological Histology.  
 Sanitary Science and Preventive Medicine  
 Bacteriological Technique.

##### FOURTH YEAR

Materia Medica.  
 Theory and Practice.  
 Clinical Medicine.  
 Clinical Microscopy.  
 Clinical Surgery.  
 Orthopedic Surgery.  
 Gynæcology (surgical).  
 Diseases of the Nose and Throat.  
 Clinical Ophthalmology.  
 Diseases of the Ear.  
 Diseases of the Nervous System.  
 Electro-Therapeutics.  
 Insanity.  
 Venereal Diseases.  
 Medical Jurisprudence.  
 Physical Economics.  
 Dispensary Practice.  
 Clinics and Clinical Reports.

##### THIRD YEAR

Materia Medica.  
 Theory and Practice.

### Five-Years Course

In announcing the establishment of an optional five-years course of study, Boston University School of Medicine again demonstrates its claim to stand in the vanguard of medical education. This course meets the demand of the time for increasingly thorough preparation for a medical career, and is altogether in accord with the high traditions of progress and leadership of which the School is justly proud.

The five-years course is offered under the following conditions:

I. The first four years are essentially as at present, and on their satisfactory completion the student shall receive the degree of M.B. or Ch.B. on recommendation of the Executive Committee.

II. The fifth year may be spent either in clinical work or in special laboratory work and in either case it shall be directed by the Executive Committee and supervised by a major instructor who shall be a member of the governing faculty.

III. If the student elects clinical work he must secure an appointment as interne in the Massachusetts Homœopathic Hospital and hold that position during the entire School year. He shall select ten hospital cases acceptable to the Executive Committee and write complete reports of them, covering family history, past history, present condition, diagnosis, treatment, after-treatment, etc., and in each case he shall himself make all laboratory tests such as examinations of blood, sputum, effusions, urine, feces, etc.; from these ten cases he shall select three which he shall present by title in writing to the Executive Committee not later than March first for approval, and he shall look up the literature of each and write out a summary of it with a bibliography. The completed reports shall constitute a thesis, which must be submitted to the Executive Committee not later than May first and shall be assigned by them to two members of the faculty as first and second

readers. If the work as interne has been satisfactory to the Hospital and if the readers accept the thesis, the candidate shall receive the degree of M.D. *cum laude*.

IV. If the student elects special laboratory work he must select as a major some branch of one of the fundamental medical sciences—Anatomy, Chemistry, Pathology, Physiology—in which he shall carry on research work on some subject approved by the Executive Committee and amounting to at least five hundred hours. In addition he shall select courses from the list given below amounting to five hundred hours in subjects other than his major. He shall present a thesis embodying the results of his research work and containing an adequate review of the literature and a bibliography. This thesis must be submitted to the Executive Committee not later than May first and will be assigned by them to two readers as above. On the satisfactory completion of all the work the candidate shall receive the degree of M.D. *cum laude*. Students who elect special laboratory work cannot hold the position of hospital interne during their fifth year.

V. Graduates possessing the degree of M.D. who present evidence of competency in the full curriculum of the four-years course of this School may be admitted to the work of the fifth year and must elect special laboratory work as outlined in paragraph IV. The degree of M.D. *cum laude* will be conferred on those who satisfactorily complete the work.

#### Subjects From Which the Fifth-Year Work May be Elected

In all cases the work will be different from that of the four-years course.

	<i>Hours</i>		<i>Hours</i>
Physiology (laboratory)	150	Diseases of the Chest	100
Gross Anatomy	150	Diseases of the Skin	50
Surgery—clinical	150	Microscopic Anatomy	150
Surgery—orthopædic	100	Chemistry	150
Clinical Microscopy	150	Pathology	150
Medicine	250	Bacteriology	100
Physical Diagnosis	100	Diseases of the Nose and Throat	50

	<i>Hours</i>		<i>Hours</i>
Diseases of the Eye	50	Diseases of Women	150
Diseases of the Ear	50	Diseases of Children	100
Diseases of the Nervous System	100	Obstetrics	150

Students intending to take the five-years course, or the fifth year, will notify the Registrar at the beginning of the school year.

### Combination Course

The Faculty of Boston University School of Medicine feel that very great significance attaches to this course.

In this course, by the coöperation of the College of Liberal Arts and the School of Medicine, a student may obtain the academic degree of Bachelor of Science and the professional degree, Doctor of Medicine, by six years' work in Boston University. The incalculable advantages of such a combination course must commend themselves, at a glance, alike to would-be medical students who realize the value of an academic degree to the physician, and to candidates for an academic degree who contemplate a medical career and hesitate before the length of time demanded by its preparatory work. The first two years of this course are spent in the College of Liberal Arts, pursuing a curriculum especially designed to meet the requirements of the course; the remaining four years are spent in the Medical School. At the end of the second year in the Medical School, during which time the fundamental medical sciences have formed the chief studies, students may come up for the degree of S.B. Two years more of study, completing the medical curriculum, will fulfill the four-years requirement for the degree of M.D. The collegiate part of the six-years course includes prescribed courses in English, Mathematics, French, German, Chemistry, Physics, Biology, Comparative Anatomy, Mammalian Anatomy and Psychology, and a number of electives

The details of the combination course and of the requirements for admission are given in the circular of the College of Liberal Arts of Boston University, a copy of which can

be obtained by applying to Dean W. M. Warren, 688 Boylston Street, Boston, Mass. (See also page 13.)

### **Degree Doctor of Philosophy**

Graduates of the Boston University School of Medicine who hold the degree of A.B. or S.B. and meet the regular requirements for admission to the Graduate School, may, if they have an average record of not less than eighty per cent on all work done in the School of Medicine and are recommended by the Medical Faculty be admitted to the Graduate School. If admitted, their status relative to the work required for the degree of Doctor of Philosophy shall be the same as that of a candidate who has received the degree of A.M. from Boston University, and the minimum amount of work shall be two full years in the Graduate School. The Doctorate in Philosophy may be taken in the following medical sciences: Anatomy; Bacteriology; Chemistry; Pathology; Physiology.

*Special Cases.* Graduates of the Boston University School of Medicine who do not hold the degree of A.B. or S.B., may, if recommended by the Medical Faculty, be admitted to the Graduate School as candidates for the degree of Doctor of Philosophy. The minimum time in which such candidates may obtain the degree shall be three full years in the Graduate School, and they will be subject to special supervision by the Executive Committee of the Graduate School. For further information consult the University Year Book or the Dean of the Graduate School, 688 Boylston Street, Boston.

### **Post-Graduate Courses**

Graduates in Medicine, who are approved by the Executive Committee, will be admitted to the School, and allowed to attend such courses as may be arranged for by the Registrar. Those who wish to review any of their past studies, or to investigate new subjects, will have excellent opportunities in the laboratories of the School, as well as in the

daily clinics of the Hospital and Dispensary. In order to obtain the diploma of the School, they must attend, and pass satisfactory examinations in, the entire work of the senior year, and present evidence of competency in the full curriculum of the School.

Alumni of this School will be cordially welcomed to all lecture courses, and special concessions will be made to those wishing to pursue laboratory or clinical investigations.

*Post-graduate courses* for several years have been offered in the specialities, but in June, 1910, following "clinical week," in response to numerous demands there was instituted a six-weeks Summer Term which included clinical, didactic and laboratory exercises in seventeen different departments. Similar courses will be offered for the summer of 1916 to those graduates whose inclination is to utilize clinical opportunities and seek the latest advances in the diagnosis and treatment of disease. For information concerning these courses apply to the Registrar.

### Special Courses

Persons approved by the Executive Committee may be admitted to special courses, which, however, shall not count as any part of the regular four-years course.

## DEPARTMENTS OF INSTRUCTION

The distribution of the work of instruction among the various chairs is as follows:

## CLINICAL MEDICINE

PROFESSOR CHAS. H. THOMAS.—Practical instruction in the wards of the Massachusetts Homœopathic Hospital, twice a week throughout the year. Particular attention to the ætiology, diagnosis and treatment of disease, with special reference to comparative drug therapy; and the application of modern diagnostic methods. Fourth year students.

ASSOCIATE PROFESSOR NELSON M. WOOD.—One clinical hour each week for the consideration of diagnosis and treatment of general diseases; in the Hospital. Fourth year students.

DR. CONRAD WESSELHOEFT, 2ND.—Two clinics each week; class in sections; at Out-Patient Department of the Massachusetts Homœopathic Hospital. Lectures and demonstrations at intervals throughout the year.

DR. HAROLD E. DIEHL.—Medical diagnosis with practical demonstration of case taking and laboratory methods. Lectures and recitations twice weekly, third year students throughout the year. Frequent written tests.

LEROY M. S. MINER, D.M.D., M.D.—Medical and surgical diseases of the mouth and teeth; ætiology, diagnosis and treatment of the most common diseases of mouth and teeth; treatment in medical diseases from the homœopathic standpoint. Mouth surgery. Fifteen lectures and five clinical demonstrations. Fourth year students.

DRS. WILSON F. PHILLIPS AND ORVILLE R. CHADWELL.—Ward instruction in the care and treatment of medical cases. Fourth year students.

DR. SAMUEL A. CLEMENT.—Clinical instructor in contagious diseases. Class in sections at the Haynes Memorial, M. H. H.

## MATERIA MEDICA

PROFESSOR FRANK W. PATCH.—Pure materia medica. The pathogenic and therapeutic study of drugs; symptomatology as revealed by provings: repertory methods and case taking; homœopathic relationships. A systematic study of the application of drugs to the treatment of diseases in accordance with the law of similars. Third and fourth year students. Two lectures a week throughout the year.

DR. ALICE H. BASSETT.—Will conduct a series of systematic materia medica quizzes with intimate study of drug symptomatology, case taking and the practical application of drugs to the sick individual. Analysis of cases through repertory methods. Third and fourth year students, two hours per week throughout the year.

DR. CONRAD WESSELHOEFT, 2ND.—Pharmacology. A consideration of the action of the most commonly used drugs, with special emphasis laid on recent pharmacological investigations regarding them and the modern conceptions of their *modus operandi* in disease. The students are made particularly familiar with what may and what may not be expected of such drugs as are commonly employed by practitioners for other than their homœopathic action. Second year students.

DR. FREDRIKA MOORE.—First principles of materia medica. The Polychrests. Homœopathic application of drugs in the treatment of disease. A systematic presentation of the more prominent remedies. Second year students.

MR. LOWELL T. CLAPP, PH.C.—A practical course in pharmaceutical methods; and pharmaceutics as applied to the preparation and standardization of homœopathic tinctures, triturations and tablet triturates, illustrated by demonstrations in the class room. The scientific aspects of the different drug strengths will be taken up as well as the relation which potentization, dilution and ionization bear to them. The course will include demonstrations at the homœopathic laboratory, which the students will attend as a class. First year students, one lecture per week the first half of the year.

DR. BENJAMIN C. WOODBURY, JR., will deliver a series of lectures covering a brief glimpse of the life and work of Hahnemann and other pioneers; the elements of homœopathic philosophy; introduction to the *Organon*. First year students.

Quizzes will be conducted by the lecturer in each department.

### THEORY AND PRACTICE

PROFESSOR JOHN P. SUTHERLAND.—A systematic course of lectures supplemented by quizzes and recitations covering the special pathology, ætiology, course, diagnosis, prognosis and treatment of diseases, from the standpoint of the general practitioner. Particular attention will be paid to homœopathic therapeutics. The theory, principles, and scope of homœopathy, with special study of the *Organon*. Third and fourth year students. Prior to January first of their senior year students are required to present reports of forty medical cases which they have treated. Selected cases will be discussed before the class.

DR. WILLARD A. PAUL.—Diseases of the liver, pancreas, spleen, and ductless glands; ætiology, symptomatology, diagnosis, and treatment. Fourth year class.

DR. J. ARNOLD ROCKWELL, JR.—A practical course in diseases of the digestive tract: ætiology, differential diagnosis, prognosis, general and homœopathic treatment, dietetics. Lectures, supplemented by (1) charts; (2) chemical tests, useful in "gastric contents" and fecal analyses; (3) use and application of stomach tube; and (4) "case" demonstration. Third year class.

DR. WILSON F. PHILLIPS.—Infectious diseases (not included in courses by specialists); and diseases due to animal parasites; symptomatology, diagnosis and treatment. Third and fourth year students.

DR. ALBERT S. BRIGGS.—Instruction in the Elements of Medicine. Second year students, once a week throughout the year.

### PATHOLOGY

PROFESSOR W. H. WATTERS AND DR. ROSS.—Pathology and Bacteriology. Lectures, demonstrations and laboratory sessions on general pathology and pathogenic micro-organisms, including attendance and assistance at autopsies. The large amount of material accessible to this department and the general use of the museum collections allow of excellent opportunities for study of the many phenomena of disease. Detailed instruction given concerning immunity and the various pathologic means of producing it.

In view of the rapidly increasing use of bacterial products in the treatment of many diseases, particularly those of an infectious nature, it seems wise to incorporate into the curriculum a course of instruction in the preparation of vaccines; determination of dose and method of treatment will be carefully given. Attention will also be given to the preparation of antitoxins, to bacteriolysis and to hæmolysis, including the Wasserman reaction and complement fixation test. Actual cases will be examined and treated during the course. Demonstration will be made of the various forms of tuberculin diagnosis.

This course will also include attendance in small sections in the pathological laboratory where individual instruction will be more available than in regular class demonstration. Seniors, 75 hours. Juniors, 125 hours. Sophomores, 125 hours.

DR. A. H. RING.—Elementary Neuropathology. About twenty hours are included in this special branch of pathology, which is covered in its various phases by lecture, laboratory and museum exercise. Each student is given specimens illustrative of the more common lesions of the nervous system, and the clinical and pathological significance of each is fully explained.

DR. ELIZABETH ROSS.—Bacteriological Technique. Fifty hours are devoted to training in the details of bacteriological technique, each student preparing all the usual culture media and making cultures, by various methods, of typical nonpathogenic micro-organisms. The course includes both macroscopic and microscopic work.

PROFESSOR WATTERS AND DR. ROSS.—Clinical Microscopy. This course will be devoted to lectures and laboratory sessions in the technique and interpretation of findings in sputum, urine and other secretæ and excreta.

DR. HELMUTH ULRICH.—Urinary Sediments. A laboratory course will be given for the purpose of familiarizing the students with the various forms of urinary sediments, taking advantage of the large

numbers of specimens available from the various departments of the Hospital.

**Hæmatology.** Lectures and laboratory sessions covering the various phases of the subject will be given, including the actual performance by the students of blood examinations, and study of blood in its various pathological states.

#### HISTORY OF MEDICINE

**DR. JOHN PRENTICE RAND.**—An outline of the history of medicine, with brief biographical sketches of the world's most famous physicians, to be followed by a series of didactic lectures upon the Principles and Practice of Homœopathy, showing the scope and limitations of the Law of Similars in the application of drugs for the cure of disease.

#### DISEASES OF THE CHEST

**PROFESSOR HERBERT C. CLAPP.**—Diseases of the heart and lungs. Third year class.

**ASSOCIATE PROFESSOR PERCY G. BROWNE.**—Diseases of the heart and lungs. One didactic lecture every week throughout the year, and two clinical lectures every week at the Hospital or its Out-Patient Department. Third year class.

**DR. GEORGE N. LAPHAM.**—Didactic lectures and clinics on Pulmonary Tuberculosis. Once a week. Third year class.

#### DISEASES OF THE SKIN

**PROFESSOR JOHN L. COFFIN,** ASSISTED BY **DR. WESLEY T. LEE.**—Diseases of the skin, their ætiology, diagnosis, prognosis, and therapeutics. Lectures, didactic and clinical, once a week for twenty weeks; clinics twice a week throughout the year. Second year students.

#### DISEASES OF THE NOSE AND THROAT

**PROFESSOR GEORGE B. RICE.**—Theoretical and practical courses in diseases of the nose and throat, including anatomy, physiology, pathology and diagnosis, with special consideration of homœopathic therapeutics.

**ASSOCIATE PROFESSOR N. H. HOUGHTON.**—Lectures on the anatomy of the nose and throat. Assistant to the chair in practical clinical instruction twice a week throughout the school year.

**DR. CONRAD SMITH.**—Lecturer, and assistant in clinical instruction.

#### DISEASES OF THE EYE

**PROFESSOR DAVID W. WELLS,** ASSOCIATE PROFESSOR **ALBERT W. HERR.**

**Junior Year:**—Recitations and Quizzes on Henderson's Diseases of the Eye, twice a week, winter and spring terms.

**Senior Year:**—Clinics four times a week throughout the year at Out-

Patient Department and main Hospital. The material is abundant, and during 1914 over 200 selected cases were studied and treated. Students are taught the use of the Ophthalmoscope, and the elements of Refraction.

#### DISEASES OF THE EAR

PROFESSOR HOWARD P. BELLOWS.—A course of lectures upon the pathological conditions of the ear. Methods of examination, diagnosis and treatment.

DR. F. W. COLBURN.—Lectures upon the normal structure and function of the ear. Clinical demonstration and supervision of required clinical work in the Out-Patient Department.

#### DISEASES OF THE NERVOUS SYSTEM

PROFESSOR FRANK C. RICHARDSON.—Didactic and clinical lectures and instruction in the examination, diagnosis and treatment of the diseases of the nervous system. Two hours a week during senior year. These lectures will be illustrated, so far as possible, by cases from the out-patient clinics and from the neurological department of the Evans Memorial.

DR. SOLOMON C. FULLER, Pathologist of the Westborough State Hospital at Westborough, Mass., will give a course in neuropathology, including some instruction in the histopathology of the cerebral cortex in the psychoses. Fourth year students.

DR. ERNEST M. JORDAN will give supplementary lectures and clinical instruction.

DR. BOOMHOWER-GUIBORD will give instruction in psycho-analysis and psycho-therapy.

DR. NATHAN H. GARRICK.—Sectional instruction at Out-Patient clinics.

#### INSANITY

PROFESSOR N. EMMONS PAINE.—Class exercises at the college are held weekly for the first half year, and consist of about eight recitations from assigned portions of a selected text book and of four lectures on hospital methods and on medical and other forms of treatment. A clinic may be held at the Massachusetts School for Feeble-Minded under the direction of the superintendent, and other clinics may be held at other institutions.

DR. HARRY O. SPALDING, Clinical Instructor in Mental Diseases.—The senior class is divided into several sections, and each section resides in the Westborough State Hospital, in turn, for five weeks, during which time the study of individual cases, of record-making, of pathological work in the hospital laboratory, and of hospital treatment, are under the direction of Dr. Spalding, who is superintendent of the hospital.

**OBSTETRICS**

PROFESSOR GEORGE H. EARL.—Lectures upon clinical and operative obstetrics, once a week throughout the year. Third year class. Hospital clinics during fall term.

ASSOCIATE PROFESSOR E. P. RUGGLES.—A systematic course of practical and theoretical midwifery; twice a week throughout the year. Second year class. Operative course. Third year class. Hospital clinics during winter term.

DR. EDWIN W. SMITH.—Instruction in the maternity clinics, pelvimetry, ante-partum examinations and quizzes. Second year class.

DR. FREDERICK L. EMERSON.—Clinical instruction in the Hospital—spring term. Second and third year classes.

Upwards of five hundred cases of childbirth have been attended during the past year by members of the graduating class. A daily maternity clinic has been established at the Out-Patient Department of the Hospital and instruction is given in ante-partum examinations, pelvimetry, etc. A junior obstetrical service has also been organized, introducing second year students to the practical aspects of midwifery.

**DISEASES OF WOMEN**

PROFESSOR GEORGE R. SOUTHWICK will lecture to the third year class on the diseases of the uterus and appendages from the standpoint of the clinician and operator. He will teach surgical gynæcology to the senior class in small sections in the Hospital throughout the year. Members of the class will assist him in these operations so far as practicable. One of them will serve as the family physician, writing up the history of the case and following it to the dismissal of the patient from the Hospital.

**CLINICAL GYNÆCOLOGY**

PROFESSOR DEWITT G. WILCOX, assisted by Drs. Willard A. Paul and Francis X. Corr, will hold one clinic each week during the entire school year in the Out-Patient Department. Fourth year students.

It will be the aim of the instructor to give the members of the Senior class a full opportunity to examine patients affected with pelvic diseases, of which the clinics afford abundant material, make a careful record of their histories, establish a diagnosis, determine the line of treatment and then follow such cases as are operable into the operating room where the students will have full opportunity to note the merits of their diagnosis.

To the Juniors Dr. Wilcox will give didactic instruction during the fall term on the surgical anatomy, physiology, and embryology of the female pelvic organs and surgical diseases pertaining to the same.

**DISEASES OF CHILDREN**

PROFESSOR J. HERBERT MOORE.—A thorough and practical course completely covering the field of pedology, and consisting of didactic and clinical instruction in the physiology and hygiene of infants and children,

and in the following diseases as they occur in infancy and childhood; diseases of the newly-born; diseases of the respiratory, circulatory and nervous systems; nutritional diseases; diseases of the digestive and urinary tracts; acute contagious diseases; tuberculosis and syphilitic infections. Infant feeding.

Special features of the didactic instruction will be the emphasis to be placed on the homœopathic therapeutics of these diseases, and a practical presentation of the percentage method of infant feeding in accordance with both laboratory and home modification. Special features of the clinical work will be bedside instruction to sections of the class at the new West Department of the Massachusetts Homœopathic Hospital (for diphtheria and scarlet fever) and clinical instruction by co-workers at the Children's section of the Out-Patient Department of the Hospital, on Tuesdays and Fridays of each week throughout the school year. Third year students, two lectures per week throughout the year.

DR. FRANCIS H. MCCARTHY will assist in the didactic teaching, with occasional clinical demonstrations in the class-room from his service at the Out-Patient Department and the Clark Ward of the Hospital.

### SURGERY

PROFESSOR HORACE PACKARD.—General principles of surgery and surgical pathology. Pathological conditions necessitating operations illustrated by special clinics in the Massachusetts Homœopathic Hospital. After treatment. Regional surgery. Emergencies. Ethics of surgery. Third and fourth year students.

PROFESSOR J. EMMONS BRIGGS.—Didactic and clinical lectures. Third year class. Clinics in Massachusetts Homœopathic Hospital; differential diagnosis; indications for and choice of operative methods.

PROFESSOR WM. F. WESSELHOEFT.—Clinics in Massachusetts Homœopathic Hospital. Demonstration of operative methods. Practical instruction in surgical technique.

PROFESSOR A. W. WEYSSE.—Didactic and clinical instruction in venereal diseases, functional diseases of the sexual organs and sexual hygiene. Fourth year students.

ASSOCIATE PROFESSOR CHARLES T. HOWARD.—Surgical diagnosis. Instruction upon conditions calling for operation, and complications following operations. Conferences upon subjects suggested by the Hospital clinics.

ASSOCIATE PROFESSOR FREDERICK W. HALSEY.—Eighteen lectures and clinics, covering the ætiology, diagnosis and treatment of diseases of the rectum. Third year class. Enlarged and colored photographs are used as illustrations and the various operations described are given practical demonstration in hospital, as far as possible, to which the class is invited in sections.

DR. THOMAS E. CHANDLER.—Surgical pathology. Second year students. Once a week throughout the year.

DR. CLARENCE CRANE.—Fractures and dislocations, amputations and ligations. Surgery of the bones and joints, muscles, tendons, peripheral nerves, lymphatics. Course in operative surgery on the cadaver. Third year students.

DR. MARY A. LEAVITT.—Course in practical anæsthesia. Individual instruction in modern anæsthesia in connection with Hospital clinics. Fourth year students four times weekly throughout the year.

DR. W. K. S. THOMAS.—Lectures on minor surgery, bandaging, splints, sutures, ligatures, anæsthesia, nomenclature, asepsis, antisepsis, hemorrhage. First year students. Ward instruction in the care of surgical cases. Fourth year students.

DR. HARRY J. LEE.—Course of lectures on applied anatomy. Surgical landmarks. Regional anatomy and its practical bearing upon regional surgery.

### ORTHOPÆDIC SURGERY

PROFESSOR ALONZO G. HOWARD.—Lectures once a week throughout the Senior year on diseases and injuries of bones and joints. Clinical instruction to sections of the class three times weekly in the diagnosis and treatment of angulatory and operative joint cases.

DR. HOWARD MOORE.—Lecturer and assistant in clinical instruction. Weekly quizzes.

### PHYSIOLOGY

#### *Didactic Course.*

PROFESSOR F. P. BATCHELDER, CH.B.—Detailed study of the spinal cord, sympathetic system and brain, cerebral localization, conducting pathways, general and special senses. Secretion of the digestive fluids; gastro-intestinal absorption; hepatic functions; internal secretions; metabolism of nitrogen and carbon, nutrition, dietary requirements, energy, calorimetry, thermometry, animal heat; concluding study of the circulation; cardiac muscle, its properties, and innervation, vasomotor phenomena; renal secretion; lactation, ovulation and menstruation. Attention will be given to the applied physiology of the foregoing subjects. Second year class; three hours a week throughout the year.

DR. N. R. SYLVESTER, JR., CH.B.—Fundamental cellular phenomena; muscle-nerve, irritability and contractility, chemical and thermal changes; locomotion. The blood, its circulation, chemistry and functions; lymph, its properties and uses. Detailed study of respiration. Foods and food values. The mechanics and chemistry of digestion. Preliminary study of excretory functions; the kidneys and the skin. Reproduction and heredity. First year class, two hours a week throughout the year.

#### *Laboratory Course*

PROFESSOR ARTHUR W. WEYSSE, PH.D.—Experimental physiology. Laboratory work by each second year student during one-half year one hundred and eighty or more hours. The aim is to elucidate selected

subjects and to train in technique and laboratory methods. The phenomena of the nerve-muscle preparation are studied in detail by a carefully selected and extended series of experiments, supplemented by occasional lectures with written and oral quizzes every two weeks, special emphasis being laid on the correct interpretation of observed results. This work is succeeded by a study of the circulation; the artificial circulation scheme, stethoscope, phonendoscope, sphygmograph, sphygmomanometer, counting blood corpuscles and the spectroscopic examination of the blood; selected experiments on respiration and the stethograph; cerebral reactions and the general and special senses. Opportunity is offered a limited number of properly qualified students to carry on research work in certain fields of physiological investigation.

### ANATOMY

PROFESSOR EDWARD E. ALLEN, CH.B.—Practical study of elementary tissues, osteology, arthrology, special organs, cerebro-spinal axis, applied and topographical anatomy, embryology, histology; anatomical demonstrations, first year students, four hours a week throughout the year.

ASSOCIATE PROFESSOR EDWARD S. CALDERWOOD.—Angiology, myology, neurology; respiratory, gastro-intestinal and genito-urinary organs; lectures, recitations and demonstrations; first year students throughout the year.

DR. WILLIAM A. HAM.—Demonstrations on the cadaver, with superintendence of and practical instruction in dissection.

DR. ALICE S. WOODMAN.—Laboratory instruction in histology and embryology; individual practice in fixing, hardening, cutting, staining, mounting and diagnosing specimens. Preceded by a practical course in microscopical technique. First year students; histology one hundred and twenty hours; embryology sixty hours.

### CHEMISTRY

PROFESSOR ALLAN WINTER ROWE, S.M., PH.D.—First Year. Two lectures and four laboratory hours each week throughout the school year.

*First Term. Lectures.* Organic Chemistry. *Laboratory.* Quantitative chemical analysis.

*Second and Third Terms. Lectures.* Physiological Chemistry. Part I. Assimilation. *Laboratory.* Physiological Chemistry, A. Preparation and properties of the various carbohydrates, fats and proteins together with the practical study of their digestion.

Second year. Two lectures, and four laboratory hours each week throughout the school year.

*First Term. Lectures.* Physiological chemistry, Part II. Dissimilation.

*Second Term. Lectures.* Toxicology. Inorganic poisons.

*Third Term. Lectures.* Toxicology. Organic poisons.

*Laboratory.* Physiological Chemistry, B. Chemical examination of the body secretions and excretions. The last five exercises are devoted to the isolation and detection by chemical means of the more common poisons.

Third and fourth years. Bio-chemical colloquium. Elective. One hour every other week.

### PHYSICAL ECONOMICS

DR. FRANK E. ALLARD.—A practical course of fifteen lectures and clinical demonstrations. Physical examinations for other purposes than prescribing drugs and treatment. Methods of determining human efficiency based on its productive powers. Medical selection and requirements of Life, Accident, Health and Liability Insurance Companies. Workingmen's Compensation Act and its relation to the General Practitioner and Specialist. Detailed study of various causes which tend to lower life expectancy. Digest of statistics of the United States Census and Health Reports.

### SANITARY SCIENCE, HYGIENE AND PREVENTIVE MEDICINE

DR. J. WALTER SCHIRMER.—History of sanitation. *Air*—composition, impurities, gases, dust, with methods for removal, bacteria, ventilation, climate. *Artificial lighting, heating, and plumbing.* *Clothing*—in relation to hygiene. *Water*—sources of, collection, storage, purification, filtration and distribution. *Sewage, garbage and refuse*; collection, removal and disposal of same. *School hygiene*—arrangement of seats and desks, ventilation and lighting, duties of the school physician and methods of examination. *Industrial hygiene.* *Camp hygiene.* *Disposal of dead*—cemeteries. Lectures and demonstrations. Second year students, once a week throughout the year.

DRS. DAVID L. BELDING and SANFORD B. HOOKER.—Laboratory course in applied preventive medicine comprising the routine Board of Health work in water, milk and food analysis, sewage disposal, anti-toxin and vaccine preparation and the technique of work on the communicable diseases. Second year class, four hours a week throughout spring term.

### MEDICAL JURISPRUDENCE

EVERETT W. BURDETT, LL.B.—Legal history of medicine and surgery; legal rights, duties and liabilities of physicians, in their relations to the state, the court and their patients; malpractice—civil and criminal; medical witnesses and experts; medical jurisprudence of insanity; physi-

cians in the public service—in hospitals, the army and navy, and as medical examiners and coroners' assistants. Course given bi-annually to third and fourth year classes. Text-books—*Ordronaux; Rogers; Draper; Brothers.*

#### SPECIAL LECTURES

Lectures and instruction on other special subjects will be given during the year, as necessity requires, or as occasion presents.

#### FINAL EXAMINATIONS

At the end of each course an examination is held on the work completed. The student is required to complete the studies of one year before entering upon those of the next. Students delinquent in any course will be allowed until the beginning of the next school year to complete their record; failing in this they will be required to repeat the year's work. Failing to complete the studies of any class in two years without reasonable excuse will be considered evidence of incompetency and the student so failing will not be permitted to continue his membership in the School. Unexcused absences may debar from examinations.

Examinations for the removal of conditions will be given on Monday, Tuesday and Wednesday immediately preceding the opening of the School in October. Special examinations will be allowed only by vote of the Executive Committee and for such examination a fee of ten dollars must be paid the Treasurer.

After the final examination in each chair, the student, *provided* he has passed successfully and otherwise complied with the requirements of the School, receives from the Registrar a card stating the percentage he has attained therein. Fifty per cent will be required from each chair in order to pass; but an average of 70 per cent from all the chairs will be required in order to enable a student to graduate. In determining this average, each mark will be given a relative value determined by the number of academic hours comprised in the course. This same rule shall operate in determining the rank of a student in any department in which several required courses are given.

## GRADUATION AND DEGREES

Boston University grants the degrees of Bachelor of Medicine, Bachelor of Surgery and Doctor of Medicine, on the following conditions:

Candidates for the degree Bachelor of Medicine, or Bachelor of Surgery must have pursued medical studies three full years (the last of the three in this School), and must possess "rank" obtained in this School with a minimum average of 80 per cent in the studies of the first, second and third years. In addition, candidates for the degree Bachelor of Medicine must have attained an average of 85 per cent in each of the three departments, physiology, theory and practice, and materia medica; and candidates for the degree Bachelor of Surgery an average of 85 per cent in each of the two departments, anatomy and surgery. The degrees Bachelor of Medicine and Bachelor of Surgery will also be awarded to those who complete the first four years of the five-year course with a sufficient degree of credit.

Candidates for the degree Doctor of Medicine must be at least twenty-one years old, of good moral character, and must have complied with all the requirements of the School. Such as have not pursued the prescribed course in this School, must present evidence of having studied medicine during four years, the last of the four in this School; must have passed examinations in all the branches included in the work of the Senior year, and present evidence of competency in the full curriculum of the School.

The degree Doctor of Medicine, *Cum Laude*, will be granted to candidates who, having fulfilled all the requirements of the School, have attained in each study pursued in the School not less than 85 per cent.

The degree Doctor of Medicine, *Cum Laude*, will be granted to candidates who satisfactorily fulfill the final requirements of the five-years course.

All candidates for graduation must apply to the Registrar on the last Tuesday in March and must then present their graduation fees.

## TUITION FEES

Tickets each year.....	\$150.00
Tickets for graduates of other medical colleges, one year....	150.00
Graduation as Bachelor of Medicine or Surgery.....	10.00
Graduation as Doctor of Medicine.....	30.00
<i>For the fifth year the fee depends upon the course taken.</i>	

A deposit of ten dollars must be made with the professor of anatomy to cover breakage or loss of specimens loaned. The balance will be returned at the close of the course.

For dissecting material a fee of five dollars per part will be charged each student.

A deposit of five dollars will be required to cover possible breakage in the chemical laboratory, and a fee of five dollars will be charged for the chemicals used.

A fee of five dollars each year will be charged for the use of a microscope and the material required, and the use of a locker, also a fee of one dollar in the course in Bacteriological Technique to cover cost of supplies, and a fee of one dollar in the Pathology course, each year, for slides and material used. All students are required to pay all laboratory fees in each year.

Approved post-graduate students may take single courses by payment of a fee of twenty dollars for each lecture course taken; the fee for practical and laboratory courses is determined by the circumstances in each case.

*All fees must be paid at the beginning of the school year.*

These fees are not returnable in the event of a student severing his connection with the School.

## LABORATORIES

*The Chemical Laboratories.* An entirely new chemical laboratory on the first floor of the laboratory building was occupied for the first time during the year 1915-1916. It contains the latest and best devices for the accurate and convenient performance of experiments in organic and physiological chemistry and toxicology, and with new and

most approved apparatus, excellent light and ventilation, and an abundance of room, every facility will be available for acquiring an exceptional training in technique. Members of the first and second year classes are required to devote four hours a week to laboratory work during the three terms.

Members of the second year class will have special training in the technique of urinary analysis, 100 to 150 routine examinations being required of each student.

*The Microscopical Laboratory* on the second floor has excellent facilities for work. It is large and airy, with abundant illumination from the northeast. The laboratory contains a full equipment of microscopes, one for the use of each student, and the necessary accessory apparatus for section-cutting, mounting, staining, and drawing, and, in addition, special apparatus has been provided for instruction in the use of the polariscope and spectroscope. A separate locker is provided for each student working in the laboratory.

*The Physiological Laboratory* occupies large rooms on the third floor of the laboratory building; its chief room for class work is 28 x 50 feet, has unobstructed light from the north, and is well adapted to its uses as an experimental laboratory. It contains many pieces of the most approved apparatus for studies in physiology and in hygiene, and to these frequent additions are made. Courses in experimental physiology are provided for students of the second year, each one of whom will be required to complete one hundred and eighty or more hours of laboratory work. The training in technique obtainable in this laboratory is very thorough and of exceptional value to the medical student.

*Pathological and Bacteriological Laboratories. Museum.* The entire fourth floor of the new building is devoted to Pathology and Bacteriology. The Museum contains several thousand specimens, illustrating the various diseases to which the human race is subject. This collection is especially rich in gynæcological material. In addition to the usual museum preparations there are several hundred

gelatine mounts prepared especially for class demonstration. Of these specimens the Carnegie Foundation in its Report on Medical Education, says: "A small but beautifully mounted collection at Boston University is once more an evidence of what conscience and intelligence will achieve despite slender financial resources." The laboratory is abundantly equipped with incubators, sterilizers, water baths, microscopes, microtomes and the apparatus needed in pathological examinations. Two smaller rooms are also in connection, one a laboratory for clinical urinary analysis and gross tissue work, the other a private laboratory for the director and his assistants. The pathological work of the Massachusetts Homœopathic Hospital has been transferred to the laboratories of the School, thereby furnishing a large amount of material for the use of the students, and abundant opportunities for advanced and original investigations. Upwards of *sixty-five hundred clinical and tissue examinations* have been made in this department during the past year, affording students unusual facilities for the pursuance of those studies that are so necessary to the modern physician.

#### LIBRARY

*The Library* occupies part of the first floor of the laboratory building. It contains more than five thousand volumes, including some of the most recent and valuable works in medicine and the collateral sciences, text-books and works of reference, to which additions are made annually, besides several thousand monographs and pamphlets. A complete card catalogue of the books and of a large number of important pamphlets and monographs has been prepared and is available to the students.

*The reading-room* is supplied with the current numbers of the leading homœopathic and allopathic journals and contains a special collection of several hundred of the more recently published text-books for reference. Students have the use of the reading-room during term time, from

9 A.M. until 5 P.M. daily. The librarian, whose private office adjoins the reading-room, is in attendance every day except Saturday from 1 to 5 o'clock P.M. to loan books, and to assist the students in their work.

The income of a legacy left by the late Dr. Harriet K. Hunt provided a number of text-books, some of which are loaned to women students by the term when desired.

#### OTHER LIBRARY FACILITIES

*The Reading-Room of the Public Library.* More than four hundred periodicals, including the files of the leading medical journals (American and European), are here accessible to Boston Public Library cardholders. Students will be furnished with certificates by the Dean or Registrar to enable them to procure cards at the Public Library which will permit them to use the books in its medical collection, located either at the Central Library, or on deposit at the Boston Medical Library.

*Boston Medical Library.* No. 8, The Fenway. Founded 1875. Has 85,000 volumes, and 600 current journals. The freedom of this library is courteously extended to the profession and students who may use the books in the library. Non-members are required to sign the register at each visit.

#### CLINICAL FACILITIES

Special attention is called to the unusual opportunities for clinical study offered by this School. Last year over *eleven hundred major and three thousand minor surgical operations* and upwards of *thirty thousand patients* in various forms of disease were accessible to students for their instruction. The number is yearly increasing, and gives to every student pursuing the full course the opportunity of seeing and practically familiarizing himself with every form of disease.

The Massachusetts Homœopathic Hospital, with its general medical and surgical wards; its wards for special work on the eye, ear, nose and throat; its children's depart-

ment, its out-patient department, its contagious hospital, its Robert Dawson Evans Department for Clinical Research, and its Robinson Memorial Maternity Hospital; the Cullis Home for Consumptives; the Westborough Insane Hospital; and the Medical Mission, together offer facilities for undergraduate and post-graduate clinical work which for variety and abundance form practically an *embarras de richesses*.

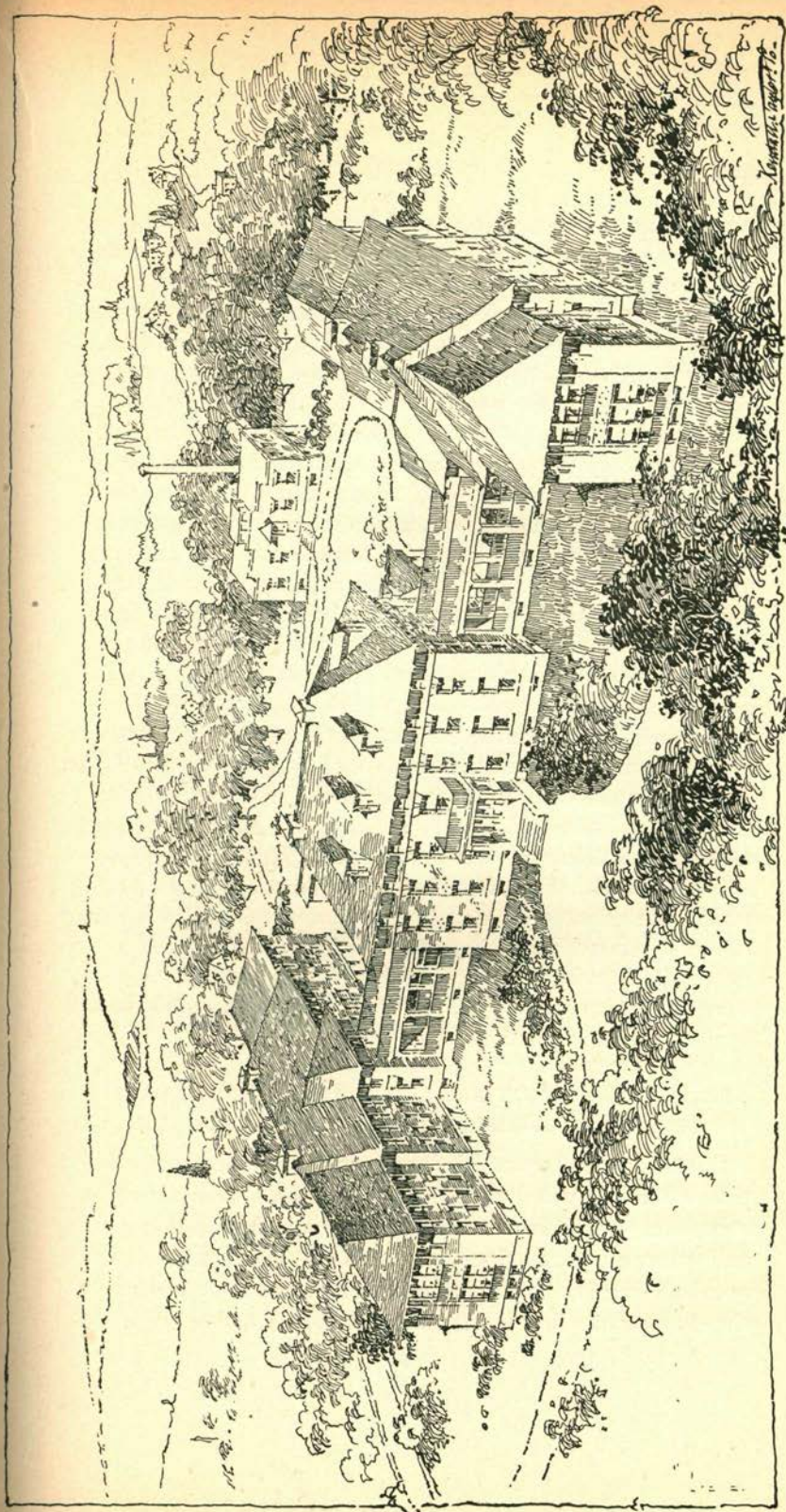
The Massachusetts Homœopathic Hospital also has set apart the Clark Ward (1916), a separate building containing twenty beds, for the reception and treatment of cases of venereal disease. This arrangement offers students a unique opportunity for the continued observation and study of these conditions.

Members of the junior class are required to serve a proportionate term in the Out-Patient Department of the Massachusetts Homœopathic Hospital, and before graduation all students are required to furnish satisfactory written reports of at least forty medical and six obstetric cases attended personally by them. They must also report in writing from each of the other clinical departments before examinations, such number of cases as shall be required by the head of the department.

Physicians are requested to send to the In-Patient and Out-Patient Hospital Clinics during the lecture sessions such cases of general or special disease as possess unusual interest or require particular skill or experience in their diagnosis or treatment. All operations and examinations before the class will be gratuitous.

#### THE MASSACHUSETTS HOMŒOPATHIC HOSPITAL

This Hospital, which was incorporated in 1855, is in close proximity to the Medical School. It has been erected at a cost of more than three hundred thousand dollars, and is one of the largest homœopathic general hospitals ever established, having a capacity of 400 beds. In the arrangement of its wards, its ventilation, light and heat, it is unsurpassed by any hospital in the country. Its amphitheatre,



JOHN C. HAYNES MEMORIAL HOSPITAL FOR CONTAGIOUS DISEASES. MASSACHUSETTS HOMOEOPATHIC HOSPITAL

with a seating capacity of one hundred and fifty, which is used several times a week for surgical clinics, has been completely remodelled in accordance with the most recent ideas as to asepsis and convenience. Four supplementary operating rooms for special cases, thoroughly modern in finish and appointment, add to the Hospital's facilities for surgical work. *A total of more than 3,500 surgical operations, including nearly a thousand abdominal operations,* were performed here last year. Senior students are required to anaesthetize and assist at operations, and thus familiarize themselves with modern surgical methods and manipulations, and the various forms of anaesthesia. In addition to the regular surgical clinics which have always been held, a course of clinical lectures on purely medical cases from the wards of the Hospital has been instituted and has proved to be a valuable addition to the instruction obtainable at the School.

The clinical advantages increase yearly and eight or more internes are annually appointed.

The *Hospital* now includes in addition to its *Medical, Surgical and Administration Buildings, Children's Wards and Nurses' Home,* a new *Out-Patient Department, a Contagious Hospital,* the gift of the late John C. Haynes, Esq., which was completed and opened in October, 1908, the *Robert Dawson Evans Department of Clinical Research and Preventive Medicine,* and the *Jennie M. Robinson Memorial* (for maternity cases), the gift of Wallace F. Robinson, opened January, 1916.

#### THE NEW MATERNITY AND OUT-PATIENT DEPARTMENT OF THE MASSACHUSETTS HOMOEOPATHIC HOSPITAL

Superimposed upon the one-story-and-basement Dispensary which was built in 1891, and with it forming one complete, attractive building of symmetrical, dignified, and pleasing proportions is the NEW MATERNITY. The new building is a brick fire-proof structure of five stories; the basement, first and second floors will be devoted



NEW MATERNITY AND OUT-PATIENT DEPARTMENT OF THE  
MASSACHUSETTS HOMŒOPATHIC HOSPITAL

to the OUT-PATIENT DEPARTMENT OF THE HOSPITAL; the third, fourth and fifth floors to the MATERNITY, which will have ample facilities for the housing and care of eighty or more maternity cases. The fifth floor is to be devoted wholly to private cases, the third floor wholly to large wards and charity cases, the fourth floor to such uses as may be needed. Numerous small and large wards, delivery rooms, nurseries, bath-rooms, sun parlors, serving rooms, with balconies, elevators and every modern necessity and convenience will make the MATERNITY a most desirable and useful addition to the Hospital's facilities. It will be possible to care for about 1200 cases annually, and with the most up-to-date equipment it will be possible to segregate the babies, and to keep mothers, deliveries and babies in as close proximity on the one floor as is consistent with sanitary and aseptic precautions. Opportunity will be furnished to enlarge the present prenatal and postnatal clinics which already have become an established and successful feature of the MATERNITY work. As many as thirty mothers with their babies have attended a single clinic, the chief function of which has been to give instruction in the care, feeding and up-bringing of the babies.

The "HOMŒOPATHIC MEDICAL DISPENSARY" became by authority of the State in 1906, the OUT-PATIENT DEPARTMENT OF THE MASSACHUSETTS HOMŒOPATHIC HOSPITAL. The Dispensary, which was incorporated in 1856, was the first of the existing homŒopathic charitable or educational institutions in New England to open its doors, and during the half century of its separate existence it proved itself one of the most useful charities, public or private, in the city of Boston. During this period of fifty years it treated upwards of **247,000** patients with a total record of **1,315,134** prescriptions. Under its new management no essential change is made in its relation with the School.

The large number of patients who resort to this charity daily affords an excellent opportunity for the practical

study of acute and chronic diseases. *From seventeen to eighteen thousand cases* are annually treated, and over *fifty thousand prescriptions and domiciliary visits* are made. Junior and senior students are required to visit patients at their homes, and to prescribe under the direction and with the aid of the Faculty. Daily clinics, illustrated by selections from the large number of patients in each department, are held, and have proved extremely valuable. Different departments are open daily for special sections, while frequent clinical lectures with illustrations are held for entire classes in the commodious amphitheatre provided for the purpose. Here also are excellent opportunities for post-graduate studies.

The Obstetric Department is open daily from 10 to 12, in which also are treated all the diseases specially belonging to pregnancy. All cases are carefully examined, the cause of suffering investigated, and suitable remedies prescribed. *About twelve hundred maternity cases* are annually treated, and students in turn from the third year of study are in constant attendance at the Dispensary, day and night, to take charge of these patients at their homes. This department offers students unparalleled opportunities to familiarize themselves with this important branch of medicine:—the minimum number of cases attended by any senior student during the past year having been ten, the number frequently reaching fifty or more.

#### THE OUT-PATIENT DEPARTMENT CLINICS

The following physicians are in attendance on their appointed days:

The various clinics furnish material used in illustration of clinical lectures given by Dr. D. G. Wilcox, Friday; Dr. Frank C. Richardson, Thursday; Dr. George H. Earl, Saturday.

*Medical*, 10 o'clock.—Dr. H. E. Diehl, Monday; Dr. E. S. Eastman, Tuesday; Drs. Conrad Wesselhoeft and Mary Parker, Wednesday and Saturday; Dr. R. O. Parris, Thursday; Drs. H. Ameer and Louis Salvini, Friday.

*Surgical*, 10 o'clock.—The service is divided into terms of six weeks

each attended by Drs. J. A. Jones, A. S. Briggs, R. F. Souther, H. D. Boyd, H. J. Lee, F. R. Sedgley, and W. K. S. Thomas.

*Women's*, 10 o'clock.—Dr. Esther K. Solakian, Monday; Dr. Maud G. Furniss, Tuesday; Dr. Susan M. Coffin, Wednesday; Dr. George R. Southwick, Thursday; Drs. DeWitt G. Wilcox and F. X. Corr, Friday; Dr. Edna B. Averill, Saturday.

*Children's*, 10 o'clock.—Dr. F. H. McCarthy, Monday; Dr. Max Goldman, Tuesday; Dr. Fredrika Moore, Wednesday and Friday; Dr. O. R. Chadwell, Thursday; Dr. A. P. Thompson, Saturday.

*Orthopedic*, 10 o'clock.—Drs. A. G. Howard, C. D. Harvey and C. J. Sukeris, Monday and Thursday; Drs. Howard Moore and J. W. Schirmer, Tuesday and Friday; Dr. George H. Earl, Wednesday and Saturday.

*Nervous*, 10 o'clock.—Drs. Frank C. Richardson and E. M. Jordan, Monday; Dr. E. M. Jordan, Tuesday and Friday; Drs. Frank C. Richardson, E. M. Jordan, and Alberta S. Guibord, Thursday; Dr. A. H. Ring, Wednesday and Saturday.

*Genito-Urinary*, 10 o'clock.—Dr. S. H. Blodgett, Tuesday and Friday; Dr. R. C. Wiggin, Monday and Thursday; Dr. J. A. MacMillan, Wednesday and Saturday.

*Skin*, 10 o'clock.—Dr. W. T. Lee, Monday and Thursday.

*Maternity*, daily at 10 o'clock.—Dr. Lydia B. Pierce.

*Opsonic*, 12 o'clock.—Dr. D. L. Belding, Wednesday.

*Eye*, 10 o'clock.—Dr. A. W. Horr, Monday and Thursday; Drs. David W. Wells, H. A. Watts and J. E. Sternberg, Tuesday and Friday; Dr. G. A. Suffa, Wednesday; Dr. D. L. Martin, Saturday.

*Nose and Throat*, 10 o'clock.—Dr. C. W. Bush, Monday and Thursday; Dr. N. H. Houghton, Tuesday and Friday; Drs. J. S. Kennedy and Everett Jones, Wednesday and Saturday.

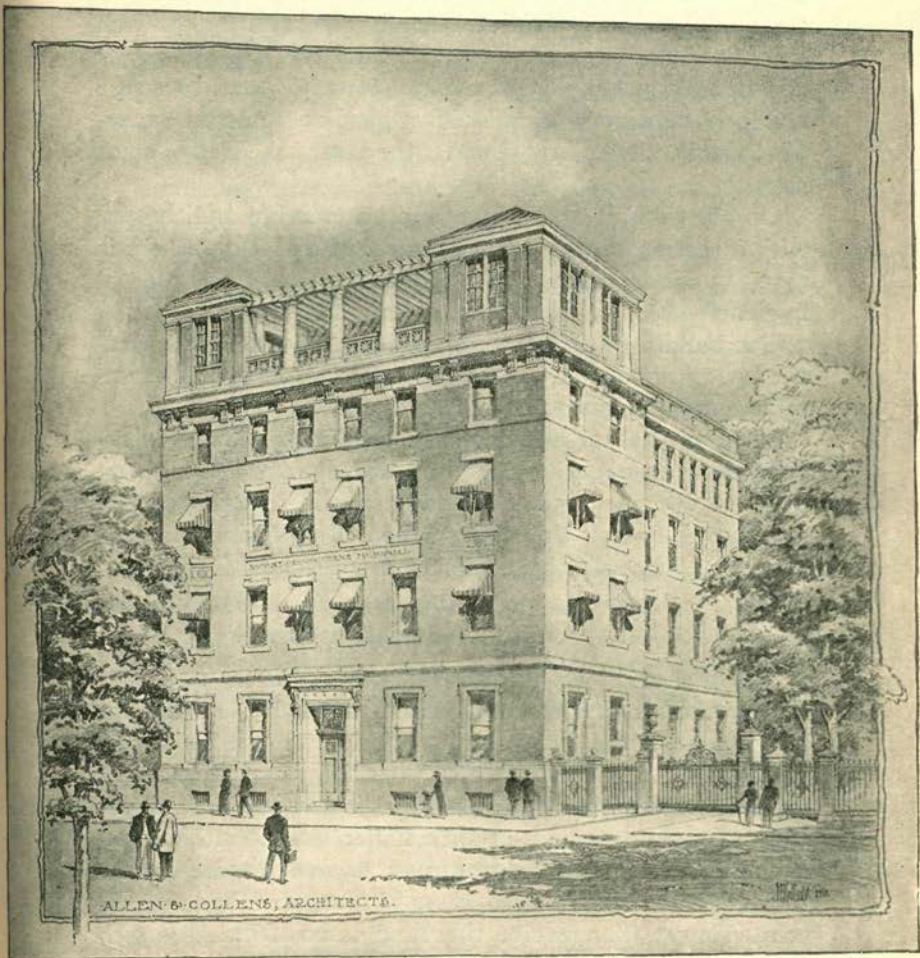
*Ear*, 10 o'clock.—Dr. Harold L. Babcock, Monday and Thursday; Dr. F. W. Colburn, Wednesday and Saturday.

*Dental*, Monday, Wednesday and Thursday, from 1 to 3.30 P.M.

The clinics are specially arranged for students of the third and fourth years.

#### ROBERT DAWSON EVANS DEPARTMENT OF CLINICAL RESEARCH AND PREVENTIVE MEDICINE

Through the generosity of Mrs. Robert Dawson Evans, there has been erected, as a memorial to her late husband, a four-story building of fire-proof construction, on land adjacent to the Medical School and connected with it by a bridge. The purpose of this building is to afford oppor-



ROBERT DAWSON EVANS DEPARTMENT OF CLINICAL RESEARCH AND PREVENTIVE MEDICINE

tunity for clinical research and the furtherance of preventive medicine.

With these objects in view there have been provided on the upper floor laboratories specially equipped for research work in pathology, physiology, chemistry, pharmacology and neurology. The next two floors are devoted to wards and private rooms, thus making possible constant supervision and control of those under the care of the Department staff.

On the ground floor there is an attractive auditorium, with a seating capacity of two hundred and fifty, where is given public instruction in matters of physical and mental hygiene.

The building is further equipped with a complete hydrotherapeutic plant as well as the various approved electrotherapeutic appliances.

This institution, although a department of the Massachusetts Homœopathic Hospital, will, by provision of the deed of gift, be always available for instruction of the students of Boston University School of Medicine and cannot fail to be a valuable adjunct to its teaching facilities.

#### WESTBOROUGH STATE HOSPITAL

The institution was established by the State in 1884, and was opened for patients on December 1, 1886. It is beautifully situated in a commanding position, on the borders of Lake Chauncy, in the town of Westborough. It is about an hour's ride from Boston, and is one of the largest institutions at the present time under homœopathic management. It accommodates over twelve hundred cases (admits some six hundred cases a year) and has already treated more than twelve thousand cases of insanity with a success that should command the attention of every physician interested in this important form of disease.

The hospital was the first in the State to establish a psychopathic department for the segregation of the recent and curable cases distinct from the chronic group. This

department now consists of three buildings; the first known as the Talbot Building was erected and occupied in 1889; the second building, the Codman, was opened in 1904 and the Childs building in 1910, giving accommodations in this department for 150 patients.

The Westborough Hospital was also the first to erect colony buildings for the care of the quiet chronic cases. This department now consists of four distinct colonies and in connection with them are two tuberculosis wards, one for men and one for women.

The pathological department has a commodious, well-equipped building where original studies and investigations are being carried out under the direction of the resident pathologist, as well as the routine clinicopathological work of a large hospital.

Arrangements have been made for advanced students to visit the hospital at stated times and for stated periods and under the direction of the superintendent to receive instruction in and to familiarize themselves with the various forms of psychiatry. *A three months post-graduate course* has been arranged giving instruction in clinical psychiatry and neuropathology. Under the law this course qualifies for the position of resident physician in the Westborough Hospital. It is planned to make it of value to physicians in general practice as well as those taking this special line of work.

#### THE CITY HOSPITAL

is situated directly opposite the School. Its public medical and surgical clinics are open to all the students of this School—women as well as men. The great extent of the Hospital, and the large number of cases treated therein afford additional clinical opportunities.

In addition to the preceding there are public and private hospitals which students can obtain permission to visit, and thus familiarize themselves with various methods of treatment.

## SCHOLARSHIPS, APPOINTMENTS AND AID TO STUDENTS

*Lucius Clapp Scholarship Fund* offers material assistance annually to four needy students of advanced standing whose industry and ability justify the Faculty in awarding scholarship aid.

*Wade Scholarship*.—A limited number of scholarships, resulting from the income of the Wade Fund, bequeathed for the benefit of poor and worthy young women, are at the disposal of the officers of the School, and will be available to such as require assistance.

*Bailey-Crane Scholarship Fund* offers material assistance annually to a few women.

*Clara A. Thacher Scholarship* is now available.

*Alumni Scholarship Fund*.—The income from this fund is now available for the assistance of needy students of advanced grade and satisfactory attainments. Two half scholarships will be granted during the ensuing year to students recommended by the Executive Committee of the School to the Executive Committee of the Association.

*The Robert Dawson Evans Scholarship Fund* will be available for the benefit of needy students whose record in the School gives evidence of special proficiency.

*Garfield Scholarship*.—A fund has been contributed, the income of which will be used to aid such young men as the Faculty may deem most worthy. It is hoped that the alumni and friends of the School will add to this fund yearly.

*Fenno Tudor Loan Fund*.—This fund, left by the late Mrs. Fenno Tudor, to aid women in the Medical School, will be loaned, in sums not exceeding fifty dollars, to meritorious women students, upon suitably endorsed notes, bearing interest at six per cent.

*George Russell Loan Fund*.—This fund, left by the late Dr. George Russell, will be loaned, in sums not exceeding fifty dollars, to meritorious men students upon suitably endorsed notes, bearing interest at six per cent.

*The Massachusetts Society for the University Education of*

*Women* has been able, as a part of its work, generously to assist medical students in Boston University.

#### SPECIAL SCHOLARSHIPS FOR COLLEGE GRADUATES

Recognizing the desirability of securing as additions to the medical profession those whose general education and training have been broad, thorough and comprehensive, and recognizing too the fact that many college graduates in obtaining their education have found it necessary to be wholly or in part self-supporting and to defray their expenses by their own diligent and persistent efforts, the Faculty of Boston University School of Medicine has established fifty limited and special scholarships with a maximum value of fifty dollars (\$50) annually. These scholarships will be awarded to college graduates in need of aid during the first or any subsequent year of their attendance at the Medical School. Awards for the first year will be based in part upon credentials showing the scholarship and general standing of the applicant in his own college. Subsequent awards will be based upon the record made by the student in the School.

#### APPOINTMENTS AND INTERNESHIPS

There are also several positions in which worthy and successful applicants, whether men or women, may receive valuable assistance in the prosecution of their studies.

Among these are the following:

*House Physicians and House Surgeons to the Massachusetts Homœopathic Hospital.*—Although this institution is entirely independent of the School, yet for many years these positions have been filled mostly by its graduates. The successful candidates receive board and lodging, and valuable clinical advantages in the Hospital, for the term of one year.

*The Out-Patient Department of the Massachusetts Homœopathic Hospital* offers internships to two members of the senior class, who reside in the Dispensary, for the purpose

of taking charge of the out-patient work. They receive board and a year's residence. Other senior students assist. During the period of service they have exceptional opportunities for gaining a large experience in emergency, medical, surgical, and obstetrical practice.

*Westborough Insane Hospital.*—The positions of internes and special students are open to applicants from this School.

*The Massachusetts State Sanatorium at Rutland, Mass.*—A sanatorium established by the State for the cure of incipient cases of tuberculosis, modelled after the successful German sanatoria, and opened for patients October 10, 1898; 350 beds. The position of assistant physician is open to graduates of this School. The experience gained is very valuable. A salary is paid in addition to expenses of living.

*The Cullis Consumptives' Home.*—For advanced cases. Appointments in this institution have been made from the senior class for many years, which, aside from the pecuniary aid furnished, afford excellent opportunities for observation of this common disease.

*Grace Hospital, New Haven, Conn.*—Appointments offered annually to two members of the graduating class of this School. Term one year, and a small salary is paid.

*The Medical Mission.*—This private charity, located at the North End, is growing rapidly, and offers the position of Resident Physician with room-rent and board, to one or two members of the senior class. It is possible to obtain in this position a wide and varied experience of great practical value.

In addition, many applications are received annually from hospitals in various parts of our country for graduates of the School to serve as internes.

#### GENERAL INFORMATION

Students can live as economically in Boston as in any city of its size; and personal expenses will be determined in a great measure by the tastes and inclinations of the individual.

The cost of board and room need not exceed from five to seven dollars per week. By the formation of clubs, the expense of board has been reduced to less than four dollars per week in some departments of the University. Young women who are desirous of reducing their expenses to the minimum are referred to the Young Women's Christian Association, 40 Berkeley Street, also 68 Warrenton Street; and to the Franklin Square House, Franklin Square.

Season tickets on some of the railroads can be obtained by students at reduced rates. Inquiry regarding students' tickets should be made at the railroad offices, and not at the offices of the School.

In pursuance of an enabling Act of the Massachusetts Legislature, the New England Female Medical College was, in 1874, united with the Boston University School of Medicine.

Any information on special subjects connected with the School may be obtained on application to the Registrar.

EDWARD E. ALLEN, M.D.,  
*Boston University School of Medicine,*  
*80 East Concord Street.*

## STUDENTS

## SENIOR CLASS

- ELEANOR MILBANK ANDERSON . . . . . New York City, N. Y.  
Ch.B., Boston Univ.
- JOHN CONSTANTINE BIALAS . . . . . Utica, N. Y.
- ALMA ARMIDA BINASCO . . . . . Brookline, Mass.
- GUY FRANK BLOOD . . . . . Camden, Me.
- ETTORE CIAMPOLINI . . . . . Siena, Italy
- MARGARET DUYCKINCK CUMMINS . . . . . Warwick, N. Y.  
M.B., Boston Univ. \*
- DAVID ISRAEL FRANKEL . . . . . Boston, Mass.
- HARRY NATHAN GINSBURG . . . . . Boston, Mass.
- MILO CHESTER GREEN . . . . . Lynn, Mass.  
A.B., Boston Univ.  
Ch.B., Boston Univ.
- CLAYTON ELVIN HOOVER . . . . . Lancaster, Pa.
- MARGUERITE EMILIE LICHTENTHAELER . . . . . Newton, Mass.
- ENGLISH NEWTON McLAUGHLIN . . . . . West Newton, Mass.
- SAMUEL NORMAN . . . . . Boston, Mass.
- HERBERT CARROLL OBER . . . . . Cambridge, Mass.  
D.M.D., Harvard Dental School.
- WINFRED OVERHOLSER . . . . . Wellesley, Mass.  
A.B., Harvard Coll.  
M.B., Boston Univ.
- LORENE PAINTER . . . . . Ravenna, O.
- WARREN SYLVESTER SHIELDS, JR. . . . . Boston, Mass.
- BESSIE BEATRICE THARPS . . . . . Richmond, Va.  
A.B., Hartshorn Coll.
- LILLIAN MAY TRAFTON . . . . . Amherst, Mass.  
A.B., Smith Coll.
- HENRY CHARLES TURNER, JR. . . . . Boston, Mass.  
Ch.B., Boston Univ.

## JUNIOR CLASS

- SAMUEL McDONALD BECKFORD . . . . . Port Maria, Jamaica, W. I.  
B.D., Howard Univ.
- JAMES MADISON BRACY . . . . . Jackson, Miss.  
A.B., Virginia Union Univ.
- MAX MARK BRAFF . . . . . East Boston, Mass.
- JANET PIERSON COOPER . . . . . Stoneham, Mass.  
S.B., Boston Univ.  
(Registered for six-years Combination Course)

JOHN CHARLES VINCENT FISHER . . . . .	Scotch Fort, P. E. I.
*LEWIS MAURICE FRAGA . . . . .	New Bedford, Mass.
DAVID ABRAHAM GARBELNICK . . . . .	Haverhill, Mass.
NATHAN GORIN . . . . .	Woburn, Mass.
NEMORIN GUILHEMPÉ . . . . .	East Boston, Mass.
D.D.S., George Washington Univ.	
JOHN WOODS HARVEY . . . . .	St. Johnsbury, Vt.
WILLIAM VICTOR HORTON . . . . .	East Boston, Mass.
EARLE ULMONT HUSSEY . . . . .	Lynn, Mass.
PHILIP ALBERT KIMBALL . . . . .	Tamworth, N. H.
JAMES EDWARD KNOWLTON . . . . .	Parrsboro, N. S.
ARTHUR JOSEPH LEDOUX . . . . .	Fall River, Mass.
HAROLD LEANDER LELAND . . . . .	Lowell, Mass.
LOUIS PONG LEUNG . . . . .	Canton, China
ANTONIO MACALUSO . . . . .	Dorchester, Mass.
SAMUEL LOUIS MARNOY . . . . .	Chelsea, Mass.
CHARLES VITO MASTRANGELO . . . . .	Chelsea, Mass.
ANGELA DE MESQUITA . . . . .	San Paulo, Brazil, S. A.
LEE OTIS MILLER . . . . .	Asheville, N. C.
FRANK WILBUR MITCHELL . . . . .	Lynn, Mass.
HAROLD WILLIAM RIPLEY . . . . .	Milton, Mass.
JOSEPH SEGAL . . . . .	Boston, Mass.
RAYMOND ERNEST SENEAL . . . . .	New Bedford, Mass.
MANFRED ELLISTON SIMMONS . . . . .	Dedham, Mass.
ANTHONY DEMETRIUS VAMVAS . . . . .	Athens, Greece

## SOPHOMORE CLASS

HENRY FISK ADAMS . . . . .	North East, Pa.
ISABELLA LOGAN CAMERON . . . . .	Glover, Vt.
DANIEL BLACK COLEMAN . . . . .	Belchertown, Mass.
HAROLD TOWLE HAMBLETON . . . . .	West Newton, Mass.
DANIEL HOWARD HIEBERT . . . . .	Hillsboro, Kansas
A.B., Tabor Coll.	
ROBERT RUPEN JANJIGIAN . . . . .	Harpoor, Turkey
A.B., Euphrates Coll.	
DAVID GRAHAM LJUNGBERG . . . . .	Worcester, Mass.
MARGUERITE WINIFRED MOIR . . . . .	Boston, Mass.
SAMUEL NORTON VOSE . . . . .	Madison, Maine
JOHN MAXSON WILCOX . . . . .	Brookline, Mass.
A.B., Dartmouth Coll.	
EDWARD HOLMES WISWALL . . . . .	Wellesley, Mass.

\*Died March 8, 1916.

## FRESHMAN CLASS

JOHN HERMAN BOUGS.....	Atlanta, Ga.
A.B., Lincoln Univ.	
MELVIN RICE BRADBURY.....	Waltham, Mass.
A.B., Harvard Univ.	
EDWARD BUTLER BURROUGHS, JR.....	Cheraw, S. C.
A.B., Claflin Univ.	
HARRY HERBERT BUTLER.....	Arlington, Mass.
WILLIAM HALE CLEWLEY.....	Woburn, Mass.
BALBINO RAFAEL FLORES.....	Patillas, Porto Rico
ELEANOR TURNBULL HUNT.....	Philadelphia, Pa.
A.B., Wilson Coll.	
CLIFTON BRIGGS LEECH.....	Kennebunk, Maine
GUSTAV HERMAN LINDQUIST.....	Orange, Mass.
NORMAN BROOKS MORRISON.....	Boston, Mass.
ARTHUR NIXON.....	New York City
A.B., Lincoln Univ.	
PEDRO NOLASCO ORTIZ.....	Comerio, Porto Rico
RALPH MATTHEW PUTNAM.....	New Bedford, Mass.
ANDREW LEE WALLACE.....	Okmulgee, Okla.
A.B., Lincoln Univ.	
DANIEL LEO SULLIVAN.....	Providence, R. I.
JOHN SCAVO.....	Boston, Mass.

## FIFTH YEAR

PAUL PARKER BALCOM.....	Aylesford, Nova Scotia
M.D., Boston Univ.	
JACOB JOSHUA GOLUB.....	Boston, Mass.
M.D., Boston Univ.	
RALPH HARRISON HOPKINS.....	Peking, China
Sc.B., Boston Univ.	
M.D., Boston Univ.	
DEMETRIUS PAPANICOLAOU MOCAS.	
A.B., IsotyI Coll., Macedonia	
Ch.B., Boston Univ.	
M.D., Boston Univ.	

## POST GRADUATE

CHARLES W. BRUNINGHAUS, D.D.O.....	Worcester, Mass.
ARTHUR P. JANES, M.D.....	Boston, Mass.
BYZANT J. MANOOGIAN, M.D.....	Peabody, Mass.
GLEN R. MATCHAN, M.D.....	Minneapolis, Minn.
HARRY F. MORIN, M.D.....	Bath, Maine

ERNEST F. MURPHY, M.D. . . . . Wollaston, Mass.  
 H. H. SINK, M.D. . . . . Columbus Grove, Ohio  
 OSCAR O. SINK, M.D. . . . . Smithfield, Ohio  
 ARDENNE A. STOTT, M.D. . . . . Woolwich, Maine  
 HOWARD A. STREETER, M.D. . . . . Marblehead, Mass.  
 L. CURTIS TURNER, D.D.O. . . . . Boston, Mass.  
 GEORGE F. WOODBURY, M.D. . . . . Patten, Maine

SPECIAL STUDENTS

FRANCES LOUISE BRYANT . . . . . Braintree, Mass.  
 ALLEN GOODWIN MCKINNON . . . . . Manchester, Mass.  
 NELLIE TAYLOR MURRAY . . . . . Roslindale, Mass.  
 L. CURTIS TURNER . . . . . Boston, Mass.

SUMMARY

	Men	Women	Total
Freshman Class . . . . .	15	1	16
Sophomore Class . . . . .	9	2	11
Junior Class . . . . .	26	2	28
Senior Class . . . . .	13	7	20
Fifth Year Course . . . . .	4		4
Post Graduate . . . . .	12		12
Special Students . . . . .	2	2	4
	—	—	—
	81	14	95

## GRADUATES AS DOCTORS OF MEDICINE

June 7, 1916.

- ELEANOR MILBANK ANDERSON.....New York City, N. Y.  
Ch.B., Boston Univ.
- JOHN CONSTANTINE BIALAS.....Utica, N. Y.
- ALMA ARMIDA BINASCO.....Brookline, Mass.
- ETTORE CIAMPOLINI.....Siena, Italy
- MARGARET DUYCKINCK CUMMINS.....Warwick, N. Y.  
M.B., Boston Univ.
- DAVID ISRAEL FRANKEL.....Boston, Mass.
- HARRY NATHAN GINSBURG.....Boston, Mass.
- MIL0 CHESTER GREEN.....Lynn, Mass.  
A.B., Boston Univ.  
Ch.B., Boston Univ.
- CLAYTON ELVIN HOOVER.....Lancaster, Pa.
- MARGUERITE EMILIE LIGHTENTHAELER.....Newton, Mass.
- ENGLISH NEWTON McLAUGHLIN.....West Newton, Mass.
- SAMUEL NORMAN.....Boston, Mass.
- HERBERT CARROLL OBER.....Cambridge, Mass.  
D.M.D., Harvard Dental School
- WINFRED OVERHOLSER.....Wellesley, Mass.  
A.B., Harvard Coll.  
M.B., Boston Univ.
- WARREN SYLVESTER SHIELDS, JR.....Boston, Mass.
- BESSIE BEATRICE THARPS.....Richmond, Va.  
A.B., Hartshorn Coll.
- LILLIAN MAY TRAFTON.....Amherst, Mass.  
A.B., Smith Coll.
- HENRY CHARLES TURNER, JR.....Boston; Mass.  
Ch.B., Boston Univ.

## GRANTED THE DEGREE OF BACHELOR OF SURGERY

- JOHN WOODS HARVEY.....St. Johnsbury, Vt.
- SAMUEL LOUIS MARNOY.....Chelsea, Mass.

## GRANTED THE DEGREE OF BACHELOR OF MEDICINE

- NATHAN GORIN.....Woburn, Mass.

ALUMNI ASSOCIATION  
OF  
BOSTON UNIVERSITY SCHOOL OF MEDICINE  
INCORPORATED, AUG. 5, 1902

This Association includes all graduates of the School, and was formed for the purpose of promoting social and friendly relations between the alumni, as well as to co-operate with the Faculty in maintaining a high standard of medical education.

In accordance with the By-Laws adopted at the annual meeting, 1902, "All graduates as doctors of medicine of Boston University School of Medicine shall, upon their graduation, become members of this Association."

"The annual assessment shall be one dollar."

"All members who, at the time of the annual meeting, are then in arrears for two years' dues shall cease thereafter to be members of this Association."

"Any one who has once been a member of this Association, but has ceased to be such, shall again become a member upon application to the Secretary and payment of all dues remaining unpaid at the time his former membership terminated."

Considerable sums of money have from time to time been raised by individual subscriptions. Money secured in this manner has been used in equipping the school with necessary apparatus, such as books, microscopes, etc., and making loans to worthy students on properly endorsed notes.

In 1898 a special appeal was made to the Alumni for a Scholarship Fund to establish three or four annual scholarships. A fund has been raised, the income of which is now available.

The annual business meeting of the Association is held some time during Commencement week, followed by the banquet and reunion of the Alumni. Other meetings may be called from time to time by the Executive Committee.

It is earnestly hoped the Alumni will interest themselves in the work of the Association and assist the officers in the furtherance of its objects.

All changes in address and items of interest relating to any Alumnus should be promptly sent to the *Secretary, Harold L. Babcock, M.D., 535 Beacon St., Boston.*

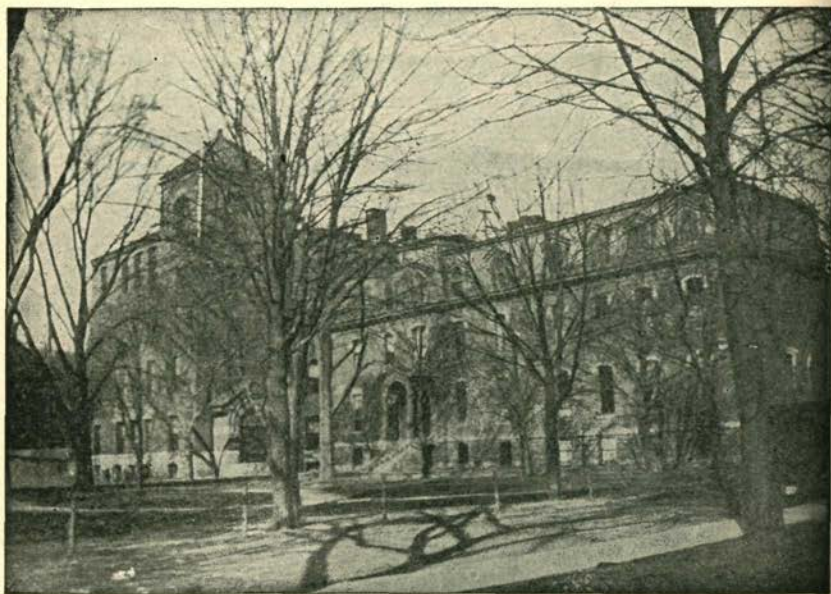
The Officers for the ensuing year are as follows:

*President*, JOHN H. BENNETT, M.D., Pawtucket, R. I.  
*1st Vice-President*, R. F. EATON M.D.  
*2d Vice-President*, WESLEY T. LEE, M.D., Somerville.  
*Secretary*, HAROLD L. BABCOCK, M.D., Boston.  
*Treasurer*, HOWARD MOORE, M.D., Boston.  
*Auditor*, NATHANIEL R. PERKINS, M.D., Dorchester.

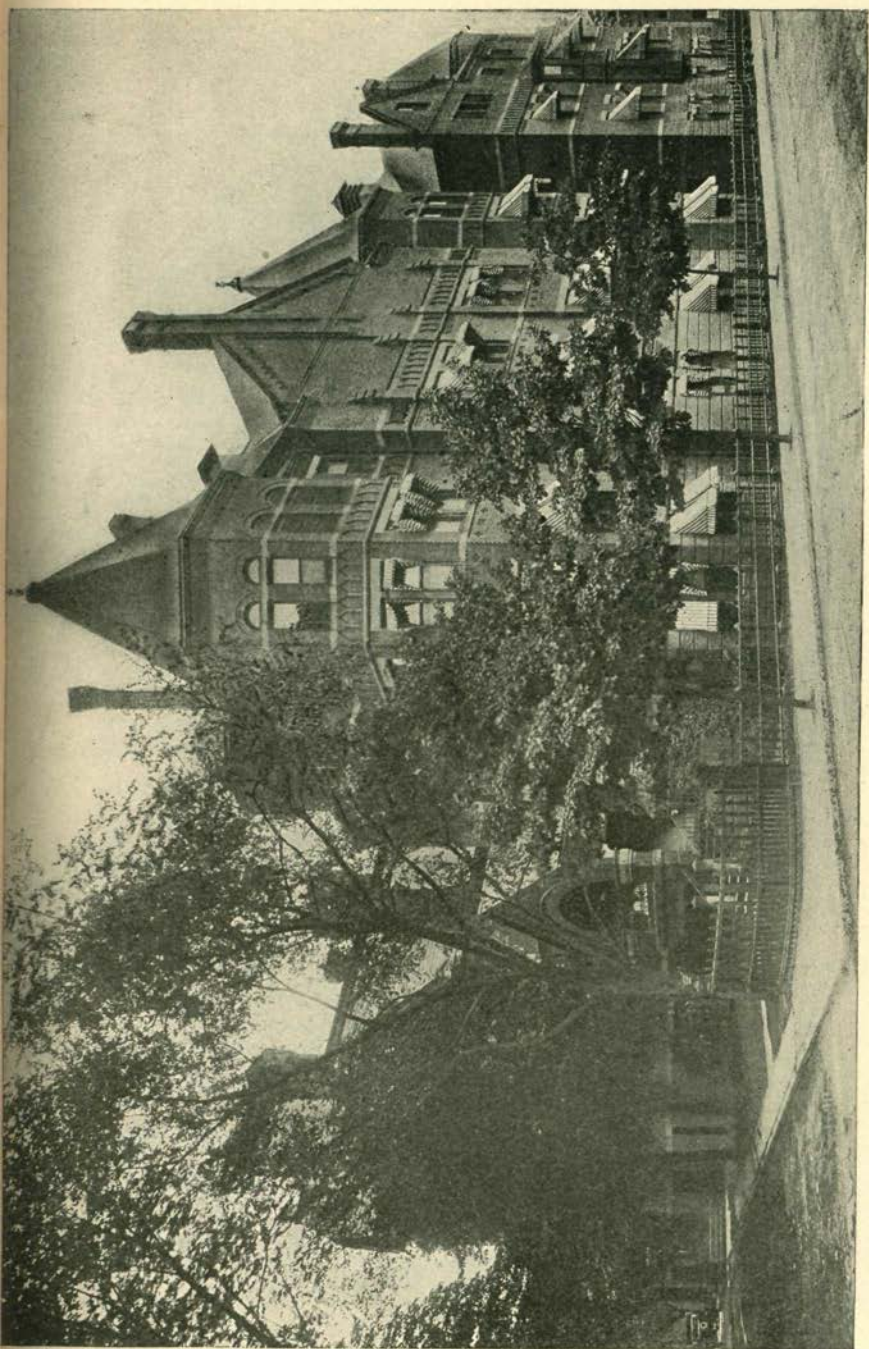
*Directors.*

HOLLIS G. BATCHELDER, M.D., Dedham.  
P. G. BROWNE, M.D., Boston.  
E. R. LEWIS, M.D., Boston.  
ELIZABETH ROSS, M.D., Boston.  
CONRAD SMITH, M.D., Boston.

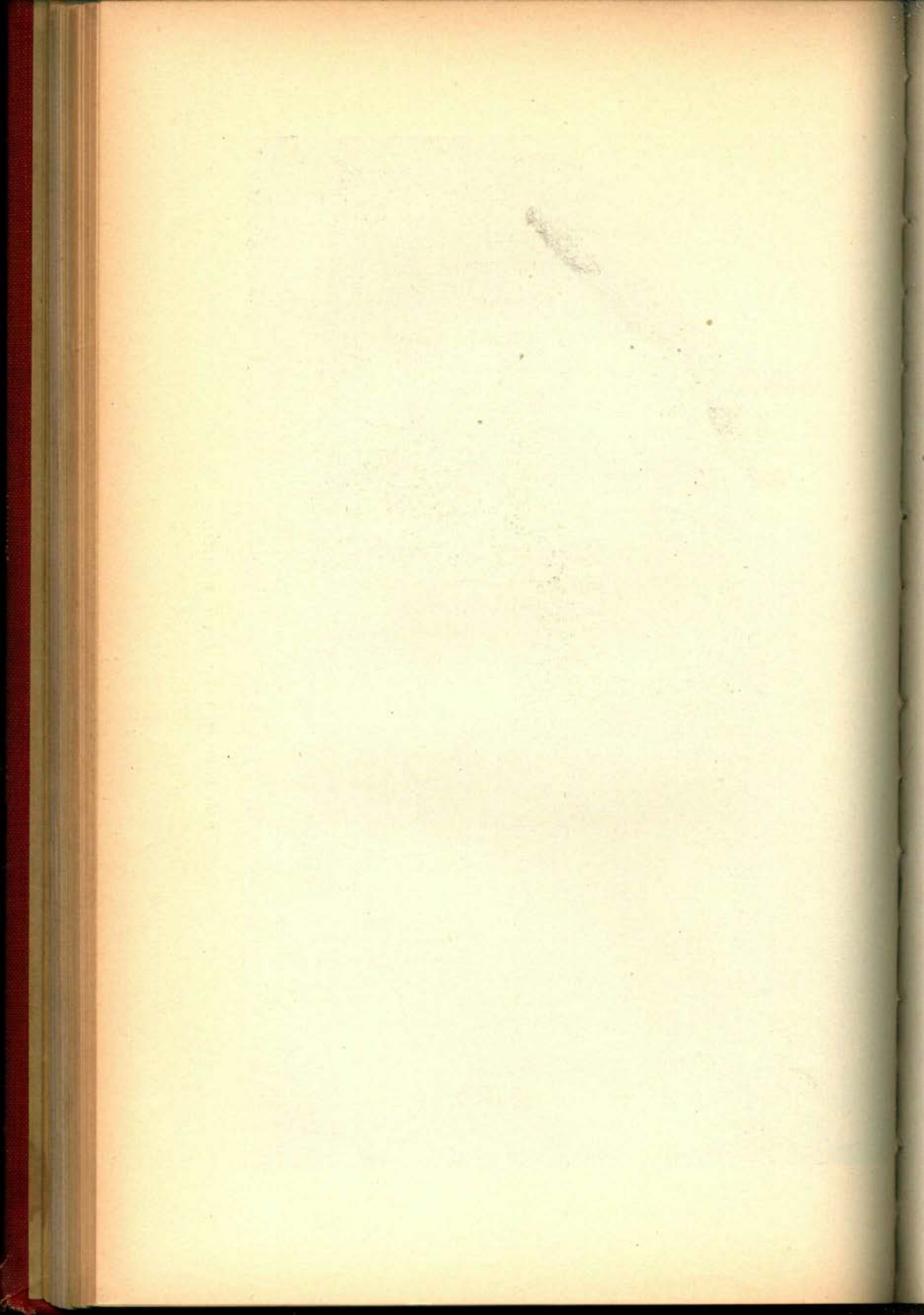
*Member of Advisory Committee*, H. D. BOYD, M.D.  
*Vice-President of Convocation*, J. H. BENNETT, M.D.  
*Member of Visiting Committee*, N. R. PERKINS, M.D.



BOSTON UNIVERSITY SCHOOL OF MEDICINE



MASSACHUSETTS HOMŒOPATHIC HOSPITAL



# BOSTON UNIVERSITY SCHOOL OF MEDICINE

MAKES THE FOLLOWING APPEAL FOR A MORE  
GENEROUS PECUNIARY SUPPORT.

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## To the Friends of this School

To those who favor thorough medical training, and who realize the increasing costliness of furnishing an educational equipment commensurate with the requirements of modern science, we beg to submit, in view of the inadequacy of tuition fees for the annual expenses of such a school as this, the following historical items which indicate the high educational standards the School has steadfastly maintained, and the noteworthy character of the work it has accomplished. Friends of education and those philanthropically inclined will upon investigation find the School a worthy and deserving channel for the distribution of their beneficence.

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Boston University School of Medicine was the first COEDUCATIONAL MEDICAL SCHOOL to be established.

It was the first medical school in this country to demand ENTRANCE EXAMINATIONS of applicants for matriculation.

It was the first medical school in this country to offer a GRADED COURSE OF THREE YEARS.

It was one of the first to make the three years course compulsory.

It was the first medical school in this country to offer a FOUR YEARS COURSE.

It was the first to make the FOUR YEARS COURSE COMPULSORY.

It was the first medical school in this country to institute an optional FIVE YEARS GRADED COURSE.

The School in conjunction with the College of Liberal Arts of Boston University offers a SIX-YEAR COMBINATION COURSE qualifying for the degrees Sc.B. and M.D.

The School has been awarded TWO GOLD MEDALS, one in 1904 at the Louisiana Purchase Exposition in St. Louis, the other in 1905 at the Lewis and Clark Centennial Exposition in Portland, Oregon, on Exhibits demonstrating the excellence of its educational methods and facilities. A SILVER MEDAL (second prize) also was awarded the School at the International Tuberculosis Congress held in Washington, D. C., in 1909 for its pathological exhibit demonstrative of various tubercular lesions.

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## FORM OF BEQUEST.

I give and bequeath to the Trustees of Boston University, for the sole use and benefit of its School of Medicine, the sum of .....dollars.

